



SECTION 27 21 33

ACCESS POINT MOUNTING SOLUTIONS AND ENCLOSURES

1.0 GENERAL

1.1 SECTIONS

- A. INDOOR/OUTDOOR NEMA
- B. SUSPENDED CEILING ENCLOSURES WITH DOORS
- C. SUSPENDED CEILING MOUNTS
- D. SUSPENDED CEILING ZONE AND A/V ENCLOSURES
- E. WALL AND HARD CEILING - RECESS MOUNT
- F. WALL AND HARD CEILING - SURFACE MOUNT - RIGHT-ANGLE BRACKETS
- G. WALL AND HARD CEILING - SURFACE MOUNT - SURFACE MOUNT - ENCLOSURES
- H. WIFI AND DAS ANTENNAS

1.2 RELATED SECTIONS

- A. Section 26 05 00 - Common Work Results for Electrical

1.3 REFERENCES

- A. Underwriters Laboratories (UL)
- B. National Electrical Manufacturer's Association (NEMA)

1.4 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Installation Instructions
 - 2. Customer Print
 - 3. Storage and handling requirements and recommendations

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation

1.6 WARRANTY

- A. Warranty: Provide manufacturer's standard one-year warranty against defects in materials or workmanship

1.7 MANUFACTURERS

- A. Acceptable Manufacturer: Oberon, Inc.
- 1315 S. Allen St. Suite 410, State College, PA 16801
 - Toll Free Tel: 877-867-2312; Tel: 814-867-2312; Fax: 814-867-2314
 - Email: request info (sales@oberoninc.com); Web: www.oberoninc.com
- B. Substitutions: Not permitted
- C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements

2.0 PRODUCTS

2.0.1. INDOOR/OUTDOOR NEMA

- A. Basis of Design: Model 1020-00 as manufactured by Oberon, Inc.
1. Design: Compact, rugged polycarbonate AP enclosure designed for surface mounting indoors or outdoors, and for under seating and riser installation
 2. Performance: Designed to NEMA 1, 2, 4, 4X, 12, and 13, and IEC529-IP66 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Paintable
 3. Oberon Skybar shaped screw on cover with gasket. Cover screws must be torqued to 8 in-lbs. Cover screws are recessed into cover
 4. Internal universal T-bar bracket
 5. Construction: UL listed to UL508. Body and cover are light gray UL94-V0 PBT/PC blended plastic
 6. AP max. operating temperature should be de-rated by 11° C inside the enclosure
 7. Exterior Size: 9.1 x 13.4 x 4 in. (340 x 231 x 102mm). Interior dimensions 8.8 x 10.5 x 3.7 in. (224 x 267 x 95 mm)
- B. Basis of Design: Model 1020-C as manufactured by Oberon, Inc.
1. Design: Compact, rugged polycarbonate AP enclosure designed for surface mounting indoors or outdoors, and for under seating and riser installation. Clear cover
 2. Performance: Designed to NEMA 1, 2, 4, 4X, 12, and 13, and IEC529-IP66 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Paintable
 3. Oberon Skybar shaped screw on cover with gasket. Cover screws must be torqued to 8 in-lbs. Cover screws are recessed into cover
 4. Internal universal T-bar bracket
 5. Construction: UL listed to UL508. Body is light gray, cover is clear UL94-V0 PBT/PC blended plastic
 6. AP max. operating temperature should be de-rated by 11° C inside the enclosure
 7. Exterior Size: 9.1 x 13.4 x 4 in. (340 x 231 x 102mm). Interior dimensions 8.8 x 10.5 x 3.7 in. (224 x 267 x 95 mm)
- C. Basis of Design: Model 1020-RAB as manufactured by Oberon, Inc.
1. Design: Rugged polycarbonate NEMA AP enclosure designed for surface mounting indoors or outdoors. Includes right-angle bracket for mounting enclosure in preferred horizontal orientation on wall or pole. Right-angle wall bracket acts as sun shield for enclosure. Helps to reduce solar load on outdoor mounted enclosure

2. Performance: Designed to NEMA 1, 2, 4, 4X, 12, and 13, and IEC529-IP66 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Paintable
 3. Oberon Skybar shaped screw on cover with gasket. Cover screws must be torqued to 8 in-lbs. Cover screws are recessed into cover
 4. Internal universal T-bar bracket
 5. Construction: UL listed to UL508. Body and cover are light gray UL94-V0 PBT/PC blended plastic
 6. Exterior 10ga steel right-angle mounting bracket. Grey powder-coated
 7. AP max. operating temperature should be de-rated by 11° C inside the enclosure
 8. Exterior Size: 9.1 x 13.4 x 4 in. (340 x 231 x 102mm). Interior dimensions 8.8 x 10.5 x 3.7 in. (224 x 267 x 95 mm)
- D. Basis of Design: Model 1020-RAB-PMK as manufactured by Oberon, Inc.
1. Design: Rugged polycarbonate NEMA AP enclosure designed for surface mounting indoors or outdoors. Includes right-angle bracket and pole mount kit for mounting enclosure in preferred horizontal orientation on wall or pole. Right-angle wall bracket acts as sun shield for enclosure. Helps to reduce solar load on outdoor mounted enclosure
 2. Performance: Designed to NEMA 1, 2, 4, 4X, 12, and 13, and IEC529-IP66 specifications for indoor/outdoor wet, dirty, or corrosive environments. UV-stabilized for exposure to direct sunlight. Transparent to wireless signals. Paintable
 3. Exterior 10 ga. steel right-angle mounting bracket; grey powder-coated
 4. Oberon Skybar-shaped screw on cover with gasket; cover screws must be torqued to 8 in-lbs.; cover screws are recessed into cover
 5. Internal universal T-bar bracket
 6. Construction: UL listed to UL508; body and cover are light gray UL94-V0 PBT/PC blended plastic
 7. AP max. operating temperature should be de-rated by 11° C inside the enclosure
 8. Temperature rating: -40 to 120° C
 9. Exterior Size: 9.06 x 12.77 x 6.20 in. (230 x 324 x 157 mm). Interior dimensions 8.8 x 10.5 x 3.7 in. (224 x 267 x 95 mm)
- E. Basis of Design: Model 1021-00 as manufactured by Oberon, Inc.
1. Design: Rugged polycarbonate AP enclosure designed for surface mounting indoors or outdoors
 2. Performance: Designed to NEMA 1, 2, 4, 4X, 12, and 13, and IEC529-IP66 specifications for indoor/outdoor wet, dirty, or corrosive environments. UV-stabilized for exposure to direct sunlight. Transparent to wireless signals. Paintable
 3. Oberon Skybar™-shaped screw on cover with gasket; cover screws must be torqued to 8in-lbs.; cover screws are recessed into cover
 4. Internal universal T-bar bracket and universal mounting panel
 5. Construction: UL listed to UL508; body and cover are white UL94-V0 Polycarbonate
 6. AP max. operating temperature should be de-rated by 5° C inside the enclosure
 7. Temperature rating: -40 to 120° C
 8. Exterior Size: 21.0 x 13.5 x 5.5 in. (533 x 343 x 140 mm). Interior dimensions 19.4 x 12.0 x 5.25 in. (493 x 305 x 133 mm)

- F. Basis of Design: Model 1021-00-ANTPLATE as manufactured by Oberon, Inc.
1. Design: Rugged polycarbonate AP enclosure designed for surface mounting indoors or outdoors
 2. Performance: Designed to NEMA 1, 2, 4, 4X, 12, and 13, and IEC529-IP66 specifications for indoor/outdoor wet, dirty, or corrosive environments. UV-stabilized for exposure to direct sunlight. Transparent to wireless signals. Paintable
 3. Oberon Skybar™-shaped screw on cover with gasket; cover screws must be torqued to 8in-lbs.; cover screws are recessed into cover
 4. Internal universal T-bar bracket, universal mounting panel, and articulating antenna mount
 5. Construction: UL listed to UL508; body and cover are white UL94-V0 Polycarbonate
 6. AP max. operating temperature should be de-rated by 5° C inside the enclosure
 7. Temperature rating: -40 to 120° C
 8. Exterior Size: 21.0 x 13.5 x 5.5 in. (533 x 343 x 140 mm). Interior dimensions 19.4 x 12.0 x 5.25 in. (493 x 305 x 133 mm)
- G. Basis of Design: Model 1024-00 as manufactured by Oberon, Inc.
1. Design: Polycarbonate NEMA AP enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for APs with external dipole antennas. Hinged, lockable door
 2. Performance: Designed to NEMA 1, 2, 4, 4X, 12, and 13, and IEC529-IP66 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Temperature rating from -40 to 70°C. Paintable
 3. Hinged, gasketed door with hasps for padlock
 4. Internal plastic universal mounting panel
 5. Construction: UL listed to UL508. Back-box and cover are light gray UL94-5VA PBT/PC blended plastic
 6. AP max. operating temperature should be de-rated by 9° C inside the 1024
 7. Exterior size: 15.7 x 11.7 x 4.8 in. (400 x 297 x 122 mm). Interior dimensions: 14.8 x 10.8 x 4.5 in. (376 x 274 x 114 mm)
- H. Basis of Design: Model 1024-C as manufactured by Oberon, Inc.
1. Design: Polycarbonate NEMA AP enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for APs with external dipole antennas. Clear, hinged, lockable door
 2. Performance: Designed to NEMA 1, 2, 4, 4X, 12, and 13, and IEC529-IP66 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Temperature rating from -40 to 70°C. Paintable
 3. Clear, hinged, gasketed door with hasps for padlock
 4. Internal plastic universal mounting panel
 5. Construction: UL listed to UL508. Back-box is light gray UL94-5VA PBT/PC blended plastic. Door is UL94-V0 clear polycarbonate
 6. AP max. operating temperature should be de-rated by 9° C inside the 1024
 7. Exterior size: 15.7 x 11.7 x 4.8 in. (400 x 297 x 122 mm). Interior dimensions: 14.8 x 10.8 x 4.5 in. (376 x 274 x 114 mm)

- I. Basis of Design: Model 1026-00 as manufactured by Oberon, Inc.
 1. Design: Polycarbonate NEMA AP enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for Cisco 3500/3600 APs. Fully hinged, lockable door
 2. Performance: Designed to NEMA 3R, 4, 4X, 12, and 6P, and IEC529-IP68 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Temperature rating from -20 to 240°F. Paintable
 3. Fully hinged, gasketed door with hasps for padlock
 4. Internal plastic universal mounting panel
 5. Construction: UL listed to UL50 and UL508A. Back-box and cover are light gray UL94-5VA polycarbonate plastic
 6. Size: 11.6 x 13.4 x 7.6 in. (295 x 340 x 193 mm)

- J. Basis of Design: Model 1026-1084 as manufactured by Oberon, Inc.
 1. Design: Polycarbonate NEMA AP enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Fully hinged, lockable door
 2. Performance: Designed to NEMA 3R, 4, 4X, 12, and 6P, and IEC529-IP68 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Temperature rating from -20 to 240°F. Paintable
 3. Fully hinged, gasketed door with hasps for padlock
 4. Internal plastic universal mounting panel
 5. Construction: UL listed to UL50 and UL508A. Back-box and cover are light gray UL94-5VA polycarbonate plastic
 6. Size: 10 x 8 x 4 in. (254 x 203.2 x 101.6 mm)

- K. Basis of Design: Model 1026-1084-C as manufactured by Oberon, Inc.
 1. Design: Polycarbonate NEMA AP enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Clear, fully hinged, lockable door
 2. Performance: Designed to NEMA 3R, 4, 4X, 12, and 6P, and IEC529-IP68 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Temperature rating from -20 to 240°F. Paintable
 3. Clear, fully hinged, gasketed door with hasps for padlock
 4. Internal plastic universal mounting panel
 5. Construction: UL listed to UL50 and UL508A. Back-box is light gray UL94-5VA polycarbonate plastic. Door is clear polycarbonate plastic
 6. Size: 10 x 8 x 4 in. (254 x 203.2 x 101.6 mm)

- L. Basis of Design: Model 1026-14126 as manufactured by Oberon, Inc.
 1. Design: Polycarbonate NEMA AP enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for Cisco 3500/3600 APs. Fully hinged, lockable door
 2. Performance: Designed to NEMA 3R, 4, 4X, 12, and 6P, and IEC529-IP68 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Temperature rating from -20 to 240°F. Paintable

3. Fully hinged, gasketed door with hasps for padlock
 4. Internal plastic universal mounting panel
 5. Construction: UL listed to UL50 and UL508A. Back-box and cover are light gray UL94-5VA polycarbonate plastic
 6. Size: 14 x 12 x 6 in. (355.6 x 304.8 x 152.4 mm)
- M. Basis of Design: Model 1026-14126-C as manufactured by Oberon, Inc.
1. Design: Polycarbonate NEMA AP enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for Cisco 3500/3600 APs. Clear, fully hinged, lockable door
 2. Performance: Designed to NEMA 3R, 4, 4X, 12, and 6P, and IEC529-IP68 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Temperature rating from -20 to 240°F. Paintable
 3. Clear, fully hinged, gasketed door with hasps for padlock
 4. Internal plastic universal mounting panel
 5. Construction: UL listed to UL50 and UL508A. Back-box is light gray UL94-5VA polycarbonate plastic. Door is clear polycarbonate plastic
 6. Size: 14 x 12 x 6 in. (355.6 x 304.8 x 152.4 mm)
- N. Basis of Design: Model 1026-16148 as manufactured by Oberon, Inc.
1. Design: Polycarbonate NEMA AP enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for Cisco 3500/3600 APs. Fully hinged, lockable door
 2. Performance: Designed to NEMA 3R, 4, 4X, 12, and 6P, and IEC529-IP68 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Temperature rating from -20 to 240°F. Paintable
 3. Fully hinged, gasketed door with hasps for padlock
 4. Internal plastic universal mounting panel
 5. Construction: UL listed to UL50 and UL508A. Back-box and cover are light gray UL94-5VA polycarbonate plastic
 6. Size: 16 x 14 x 8 in. (406.4 x 355.6 x 203.2 mm)
- O. Basis of Design: Model 1026-16148-C as manufactured by Oberon, Inc.
1. Design: Polycarbonate NEMA AP enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for Cisco 3500/3600 APs. Clear, fully hinged, lockable door
 2. Performance: Designed to NEMA 3R, 4, 4X, 12, and 6P, and IEC529-IP68 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Temperature rating from -20 to 240°F. Paintable
 3. Clear, fully hinged, gasketed door with hasps for padlock
 4. Internal plastic universal mounting panel
 5. Construction: UL listed to UL50 and UL508A. Back-box is light gray UL94-5VA polycarbonate plastic. Door is clear polycarbonate plastic
 6. Size: 16 x 14 x 8 in. (406.4 x 355.6 x 203.2 mm)
- P. Basis of Design: Model 1026-242410 as manufactured by Oberon, Inc.

1. Design: Polycarbonate NEMA AP enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for Cisco 3500/3600 APs. Fully hinged, lockable door
 2. Performance: Designed to NEMA 3R, 4, 4X, 12, and 6P, and IEC529-IP68 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Temperature rating from -20 to 240°F. Paintable
 3. Fully hinged, gasketed door with hasps for padlock
 4. Internal plastic universal mounting panel
 5. Construction: UL listed to UL50 and UL508A. Back-box and cover are light gray UL94-5VA polycarbonate plastic
 6. Size: 24 x 24 x 10 in. (609.6 x 609.6 x 254 mm)
- Q. Basis of Design: Model 1026-242410-C as manufactured by Oberon, Inc.
1. Design: Polycarbonate NEMA AP enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for Cisco 3500/3600 APs. Clear, fully hinged, lockable door
 2. Performance: Designed to NEMA 3R, 4, 4X, 12, and 6P, and IEC529-IP68 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Temperature rating from -20 to 240°F. Paintable
 3. Clear, fully hinged, gasketed door with hasps for padlock
 4. Internal plastic universal mounting panel
 5. Construction: UL listed to UL50 and UL508A. Back-box is light gray UL94-5VA polycarbonate plastic. Door is clear polycarbonate plastic
 6. Size: 24 x 24 x 10 in. (609.6 x 609.6 x 254 mm)
- R. Basis of Design: Model 1026-C as manufactured by Oberon, Inc.
1. Design: Polycarbonate NEMA AP enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for Cisco 3500/3600 APs. Clear, fully hinged, lockable door
 2. Performance: Designed to NEMA 3R, 4, 4X, 12, and 6P, and IEC529-IP68 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight. Transparent to wireless signals. Temperature rating from -20 to 240°F. Paintable
 3. Clear, fully hinged, gasketed door with hasps for padlock
 4. Internal plastic universal mounting panel
 5. Construction: UL listed to UL50 and UL508A. Back-box is light gray UL94-5VA polycarbonate plastic. Door is clear polycarbonate plastic
 6. Size: 11.6 x 13.4 x 7.6 in. (295 x 340 x 193 mm)
- S. Basis of Design: Model 3010 as manufactured by Oberon, Inc.
1. Design: Enclosure designed to protect AP and antenna when mounted under seats in auditorium or stadium. Fastens to riser. Screw on Acrylic/PVC alloy plastic cover
 2. Performance: Designed to protect equipment from spilling liquids, weather and washing. Capable of NEMA 3R and 4 performance for indoor/ outdoor wet environments when properly sealed. Transparent to wireless signals. Paintable. Derate AP operating temperature range by 9°C when mounted in enclosure
 3. Includes articulating universal AP mounting bracket

4. Construction: Cover is light grey, thermoformed UL94-V0 Acrylic/PVC alloy plastic. UV capped for exposure to direct sunlight. Back plane is 10 ga. aluminum. EPDM Foam gasket
 5. Size: 9.16 x 16.60 x 11.25 in. (232 x 422 x 286 mm)
- T. Basis of Design: Model 3015-WE as manufactured by Oberon, Inc.
1. Design: Enclosure designed to protect both AP with attached dipole antennas and external antenna(s) when mounted under seats in auditorium or stadium. Fastens to riser. Screw on Acrylic/PVC alloy plastic cover
 2. Performance: Designed to protect equipment from spilling liquids, weather and washing. Capable of NEMA 3R performance for indoor/ outdoor wet environments when properly sealed. Transparent to wireless signals. Paintable
 3. Includes articulating universal antenna and AP mounting bracket
 4. EPDM foam gasket
 5. Spanner pan head screws with gaskets to attach cover
 6. Construction: Cover is light grey, thermoformed UL94-V0 Acrylic/PVC alloy plastic. UV capped for exposure to direct sunlight. Back plane is 10 ga. aluminum
 7. Size: 29 x 8 x 7.3 in. (737 x 203 x 185 mm)
- U. Basis of Design: Model 3030 as manufactured by Oberon, Inc.
1. Design: Cylindrical fiberglass Wi-Fi bollard. Designed to protect APs and antennas in outdoor public spaces. Designed for permanent AC line voltage and low voltage installations. Interior equipment stand for mounting APs and antennas
 2. Performance: Designed to protect equipment from spilling liquids and weather. NEMA 3R performance for indoor/ outdoor environments. Fiberglass is virtually transparent to wireless signals
 3. Anchors to pre-installed concrete pedestal. Cabling is conducted through conduit in pedestal
 4. Standard color is black. Available in other colors. Paintable
 5. Includes anchor base, equipment stand, hardware to fasten APs and antennas. Bolt cover and tamper resistant hardware
 6. Construction: 0.25 in. thick centrifugal cast fiberglass composite bollard (65% glass, 35% resin). Paint is UV and cleaning chemical resistant. Zinc coated, 0.25 in. thick steel anchor base. Fiberglass equipment mounting stand. ABS plastic bolt cover, painted to match bollard
 7. Size: 54 in. (1,372 mm) above grade, 12.5 in. (318 mm) inner diameter at top, 13.5 in. (343 mm) inner diameter at bottom
 8. Weight: 62 lbs.
- V. Basis of Design: Model 3032 as manufactured by Oberon, Inc.
1. Design: Cylindrical polyethylene Wi-Fi bollard. Designed to protect APs and antennas in outdoor public spaces. Designed for permanent or temporary low voltage installations. Interior equipment stand for mounting APs and antennas
 2. Performance: Designed to protect equipment from spilling liquids and weather. NEMA 3R performance for indoor/ outdoor environments. Polyethylene is virtually transparent to wireless signals
 3. Anchors to pre-installed concrete pedestal. Cabling is conducted through conduit in pedestal. Or, anchor with ground or asphalt screws
 4. Available in standard colors. Paintable

5. Includes anchor base, equipment stand, hardware to fasten APs and antennas. Tamper resistant hardware
6. Construction: nominally 0.25 in. thick, UV and cleaning chemical resistant Polyethylene. Zinc coated, 0.25 in. thick steel anchor base. Fiberglass equipment mounting stand
7. Size: 60 in. (1,524 mm) above grade. May be cut to desired height. 11.5 in. (292 mm) inner diameter
8. Weight: 27 lbs.

2.0.2. SUSPENDED CEILING ENCLOSURES WITH DOORS

- A. Basis of Design: Model 1046-AP205 as manufactured by Oberon, Inc.
 1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls
 6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- B. Basis of Design: Model 1046-AP205-T as manufactured by Oberon, Inc.
 1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls
 6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire,

smoke and dust barrier to simplify ICRA compliance

7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
9. Maximum weight inside enclosure is 25 lbs.
10. For recessed grid ceilings, specify "-T" for tegular flange
11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)

C. Basis of Design: Model 1046-AP215 as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. Locking, quick release interchangeable door for migration to other APs
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in four walls
6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
9. Maximum weight inside enclosure is 25 lbs.
10. For recessed grid ceilings, specify "-T" for tegular flange
11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)

D. Basis of Design: Model 1046-AP215-T as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. Locking, quick release interchangeable door for migration to other APs
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in four walls
6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel

flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance

7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
9. Maximum weight inside enclosure is 25 lbs.
10. For recessed grid ceilings, specify "-T" for tegular flange
11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)

E. Basis of Design: Model 1046-AP225 as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. Locking, quick release interchangeable door for migration to other APs
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in four walls
6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
9. Maximum weight inside enclosure is 25 lbs.
10. For recessed grid ceilings, specify "-T" for tegular flange
11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)

F. Basis of Design: Model 1046-AP225-T as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. Locking, quick release interchangeable door for migration to other APs
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in four walls

6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- G. Basis of Design: Model 1046-AP305 as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls
 6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- H. Basis of Design: Model 1046-AP315 as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls

6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- I. Basis of Design: Model 1046-AP325 as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls
 6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- J. Basis of Design: Model 1046-AP325-T as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls

6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- K. Basis of Design: Model 1046-AP335 as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls
 6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- L. Basis of Design: Model 1046-AP335-T as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls

6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- M. Basis of Design: Model 1046-EXT3935 as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls
 6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- N. Basis of Design: Model 1046-EXT3935-T as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls

6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- O. Basis of Design: Model 1046-MR as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls
 6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- P. Basis of Design: Model 1046-MR-T as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for smaller APs with integrated antennas. AP mounts in interchangeable door. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1046 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls

6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 12.5 x 12.5 x 3 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- Q. Basis of Design: Model 1047-3050 as manufactured by Oberon, Inc.
1. UL Listed for low voltage applications
 2. Designed and labled to meet NEC paragraphs 300-22 and 300-23 for plenum installations
 3. OSHPD approved OPM-0110-13
 4. AP max. operating temperature should be de-rated by 6° C inside the enclosure.
 5. Construction: 18 ga. textured white powder-coated steel flange; 20 ga. galvanized steel back-box
 6. Size: Model 1047-3050: Back-box is 18.5" x 18.5" x 3" deep. Flange is 23.75" x 23.75". Fits into standard (U.S.) 24" tile suspended ceiling systems
 7. Size: Model 1047-3050-600MM: Back-box 470mm x 470mm x 76mm. Flange is 594mm x 594mm. Fits into standard (European) 600mm tile suspended ceiling.
 8. Mount must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
 9. Item weight: 16 lbs./7.3 kgs.
 10. Shipping weight: 20 lbs./9.07185 kgs.
- R. Basis of Design: Model 1047-CCOAP as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1047 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6° C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs. Large door permits migration to large APs and domes
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls
 6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. Model 1047-LPDOME and 1047-DOME only: Paintable UL 94-5VA ABS plastic dome, dome is virtually transparent to wireless signals)
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements

8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange units
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 18.5 x 18.5 x 3 in. total depth is 5 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- S. Basis of Design: Model 1047-CCOAP-600MM as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1047 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs. Large door permits migration to large APs and domes
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls
 6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. Model 1047-LPDOME and 1047-DOME only: Paintable UL 94-5VA ABS plastic dome, dome is virtually transparent to wireless signals)
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange units
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 18.5 x 18.5 x 3 in. total depth is 5 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- T. Basis of Design: Model 1047-CCOAP-600MM-T as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1047 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs. Large door permits migration to large APs and domes
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls
 6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel

flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. Model 1047-LPDOME and 1047-DOME only: Paintable UL 94-5VA ABS plastic dome, dome is virtually transparent to wireless signals)

7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
9. Maximum weight inside enclosure is 25 lbs.
10. For recessed grid ceilings, specify "-T" for tegular flange units
11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 18.5 x 18.5 x 3 in. total depth is 5 in.
12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)

U. Basis of Design: Model 1047-CCOAP-T as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1047 configuration guide)
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
3. Locking, quick release interchangeable door for migration to other APs. Large door permits migration to large APs and domes
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in four walls
6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. Model 1047-LPDOME and 1047-DOME only: Paintable UL 94-5VA ABS plastic dome, dome is virtually transparent to wireless signals)
7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
9. Maximum weight inside enclosure is 25 lbs.
10. For recessed grid ceilings, specify "-T" for tegular flange units
11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 18.5 x 18.5 x 3 in. total depth is 5 in.
12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)

V. Basis of Design: Model 1047-CCOAP-USCM as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1047 configuration guide)
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure

3. Locking, quick release interchangeable door for migration to other APs. Large door permits migration to large APs and domes
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in four walls
6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. Model 1047-LPDOME and 1047-DOME only: Paintable UL 94-5VA ABS plastic dome, dome is virtually transparent to wireless signals)
7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
9. Maximum weight inside enclosure is 25 lbs.
10. For recessed grid ceilings, specify "-T" for tegular flange units
11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 18.5 x 18.5 x 3 in. total depth is 5 in.
12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)

W. Basis of Design: Model 1047-CCOAP-USCM-T as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1047 configuration guide)
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
3. Locking, quick release interchangeable door for migration to other APs. Large door permits migration to large APs and domes
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in four walls
6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. Model 1047-LPDOME and 1047-DOME only: Paintable UL 94-5VA ABS plastic dome, dome is virtually transparent to wireless signals)
7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
9. Maximum weight inside enclosure is 25 lbs.
10. For recessed grid ceilings, specify "-T" for tegular flange units
11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 18.5 x 18.5 x 3 in. total depth is 5 in.
12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)

X. Basis of Design: Model 1047-CCOAP3800 as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1047 configuration guide)
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
3. Locking, quick release interchangeable door for migration to other APs. Large door permits migration to large APs and domes
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in four walls
6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. Model 1047-LPDOME and 1047-DOME only: Paintable UL 94-5VA ABS plastic dome, dome is virtually transparent to wireless signals)
7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
9. Maximum weight inside enclosure is 25 lbs.
10. For recessed grid ceilings, specify "-T" for tegular flange units
11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 18.5 x 18.5 x 3 in. total depth is 5 in.
12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)

Y. Basis of Design: Model 1047-CCOAP3800-T as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1047 configuration guide)
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
3. Locking, quick release interchangeable door for migration to other APs. Large door permits migration to large APs and domes
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in four walls
6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. Model 1047-LPDOME and 1047-DOME only: Paintable UL 94-5VA ABS plastic dome, dome is virtually transparent to wireless signals)
7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
9. Maximum weight inside enclosure is 25 lbs.
10. For recessed grid ceilings, specify "-T" for tegular flange units

11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 18.5 x 18.5 x 3 in. total depth is 5 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- Z. Basis of Design: Model 1047-HLA as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1047 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs. Large door permits migration to large APs and domes
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls
 6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. Model 1047-LPDOME and 1047-DOME only: Paintable UL 94-5VA ABS plastic dome, dome is virtually transparent to wireless signals)
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
 9. Maximum weight inside enclosure is 25 lbs.
 10. For recessed grid ceilings, specify "-T" for tegular flange units
 11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 18.5 x 18.5 x 3 in. total depth is 5 in.
 12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)
- AA. Basis of Design: Model 1047-HLA-T as manufactured by Oberon, Inc.
1. Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1047 configuration guide)
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
 3. Locking, quick release interchangeable door for migration to other APs. Large door permits migration to large APs and domes
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in four walls
 6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. Model 1047-LPDOME and 1047-DOME only: Paintable UL 94-5VA ABS plastic dome, dome is virtually transparent to wireless signals)
 7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum

requirements

8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
9. Maximum weight inside enclosure is 25 lbs.
10. For recessed grid ceilings, specify "-T" for tegular flange units
11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 18.5 x 18.5 x 3 in. total depth is 5 in.
12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)

AB. Basis of Design: Model 1047-LPDOME as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1047 configuration guide)
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
3. Locking, quick release interchangeable door for migration to other APs. Large door permits migration to large APs and domes
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in four walls
6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. Model 1047-LPDOME and 1047-DOME only: Paintable UL 94-5VA ABS plastic dome, dome is virtually transparent to wireless signals)
7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
9. Maximum weight inside enclosure is 25 lbs.
10. For recessed grid ceilings, specify "-T" for tegular flange units
11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 18.5 x 18.5 x 3 in. total depth is 5 in.
12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)

AC. Basis of Design: Model 1047-LPDOME-T as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1047 configuration guide)
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
3. Locking, quick release interchangeable door for migration to other APs. Large door permits migration to large APs and domes
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in four walls

6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. Model 1047-LPDOME and 1047-DOME only: Paintable UL 94-5VA ABS plastic dome, dome is virtually transparent to wireless signals)
7. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
8. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
9. Maximum weight inside enclosure is 25 lbs.
10. For recessed grid ceilings, specify "-T" for tegular flange units
11. Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 18.5 x 18.5 x 3 in. total depth is 5 in.
12. Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)

AD. Basis of Design: Model 1052-00 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs and DAS remotes with connectors and detachable antennas. Enclosure shall be supported by the building ceiling structural system, not tile grid work
2. This is a steel enclosure so antennas MUST be mounted externally or on the door. Mount up to (7) external antennas on the door using the bulkhead connector kit for dipole antennas (Oberon P/N 35-BULKHD-KIT) or Oberon 34-ZDUAL or 34-DMDUAL antennas
3. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in four walls
6. Back Box: Effective as a dust barrier for ICRA procedure compliance
7. Construction: 16 ga. galvanized steel back-box, 14 ga. door, textured white powder-coated steel
8. Size: 23.75 x 23.75 x 2.5 in. (603 x 603 x 64 mm). AP Enclosure is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm)

AE. Basis of Design: Model 1052-AP205 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure specifically designed for Aruba Networks AP205 APs. Door has special mounting bracket to hold the AP in the door. Enclosure shall be supported by the building ceiling structural system, not tile grid work
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13
3. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
4. 1 in. trade size knockouts in four walls
5. Construction: 16 ga. galvanized steel back-box, 14 ga. door, textured white powder-coated steel
6. Size: 23.75 x 23.75 x 2.5 in. (603 x 603 x 64 mm). AP Enclosure is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm)

AF. Basis of Design: Model 1052-AP215 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure specifically designed for Aruba Networks AP215 APs. Door has special mounting bracket to hold the AP in the door. Enclosure shall be supported by the building ceiling structural system, not tile grid work
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13
3. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
4. 1 in. trade size knockouts in four walls
5. Construction: 16 ga. galvanized steel back-box, 14 ga. door, textured white powder-coated steel
6. Size: 23.75 x 23.75 x 2.5 in. (603 x 603 x 64 mm). AP Enclosure is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm)

AG. Basis of Design: Model 1052-AP325 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure specifically designed for Aruba Networks AP325. Door has special mounting bracket to hold the AP in the door. Enclosure shall be supported by the building ceiling structural system, not tile grid work
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
3. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
4. 1 in. trade size knockouts in four walls
5. Construction: 16 ga. galvanized steel back-box, 14 ga. door, textured white powder-coated steel
6. Size : 23.75 x 23.75 x 2.5 in. (603 x 603 x 64 mm). AP Enclosure is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm)

AH. Basis of Design: Model 1052-AP335 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure specifically designed for Aruba Networks AP335. Door has special mounting bracket to hold the AP in the door. Enclosure shall be supported by the building ceiling structural system, not tile grid work
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
3. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
4. 1 in. trade size knockouts in four walls
5. Construction: 16 ga. galvanized steel back-box, 14 ga. door, textured white powder-coated steel
6. Size : 23.75 x 23.75 x 2.5 in. (603 x 603 x 64 mm). AP Enclosure is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm)

AI. Basis of Design: Model 1052-CCOAP as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure specifically designed for Cisco APs. Door has special mounting bracket to hold the AP in the door. Enclosure shall be supported by the building ceiling structural system, not tile grid work
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
3. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables

4. 1 in. trade size knockouts in four walls
5. Construction: 16 ga. galvanized steel back-box, 14 ga. door textured white powder-coated steel
6. Size: 23.75 x 23.75 x 2.5 in. (603 x 603 x 64 mm). AP Enclosure depth is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm)

AJ. Basis of Design: Model 1052-CCOAP3800 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure specifically designed for Cisco 2800 and 3800 APs. Door has special mounting bracket to hold the AP in the door. Enclosure shall be supported by the building ceiling structural system, not tile grid work
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
3. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
4. 1 in. trade size knockouts in four walls
5. Construction: 16 ga. galvanized steel back-box, 14 ga. door textured white powder-coated steel
6. Size: 23.75 x 23.75 x 2.5 in. (603 x 603 x 64 mm). AP Enclosure depth is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm)

AK. Basis of Design: Model 1052-DOME as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure with 9 in. diameter hemisphere ABS plastic dome, designed for APs with non-detachable antennas. (Such as Aruba Networks). AP-65 requires Aruba Networks AP-65-MNT mounting bracket. AP-121 and AP-125 require the Aruba Networks AP-120-MNT mounting bracket. (Order from Aruba Networks) antennas (AP-65, AP-121, AP-125). Enclosure shall be supported by the building ceiling structural system, not tile gridwork
2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
3. 1 in. trade size knockouts in four walls
4. Construction: 16 ga. galvanized steel back-box, 14 ga. door frame textured white powder-coated steel enclosure, UL-94V5A Classified, impact resistant. Textured white ABS dome. Fully hinged locking door, keyed alike
5. Flange Size: 23.75 x 23.75 x 2.5 in. (603 x 603 x 64 mm). AP enclosure is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm). Dome is 9 in. (229 mm) diameter, 4.5 in. (114 mm) high

AL. Basis of Design: Model 1052-XXX-CCEA as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure specifically designed for Cisco APs. Door has special mounting bracket to hold the AP in the door. Enclosure shall be supported by the building ceiling structural system, not tile grid work
2. This is a steel enclosure so antennas MUST be mounted externally or on the door
3. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in four walls

6. Back Box: Effective as a dust barrier for ICRA procedure compliance. -CCEA designation indicates this product complies with City of Chicago Environmental Air requirements for installation in the plenum space
7. Construction: 16 ga. galvanized steel back-box, 14 ga. door, textured white powder-coated steel
8. Size: 23.75 x 23.75 x 2.5 in. (603 x 603 x 64 mm). AP Enclosure depth is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm)

AM. Basis of Design: Model 1059-00 as manufactured by Oberon, Inc.

1. Ceiling tile enclosure designed for access points from most manufacturers
2. RF transparent cover allows use of access point with non-detachable or integrated antennas
3. UL listed and designed to meet NEC300-22 and 300-23 for installations in the air-handling space; OSHPD approved
4. Dome is UL 94-5VA Classified ABS Plastic
5. Enclosure is deep enough for any access point with an overall height of less than 5.75 "
6. Fully-hinged locking door, keyed alike
7. Construction: Textured white powder-coated steel, 16 ga. back-box, UL-94V5A impact-resistant textured white ABS door
8. Size: Flange is 24" x 24"; AP Enclosure is 18" x 18" x 2.5 ", ABS dome is 14" sq. X 4" deep
9. Weight: 19.5 lbs (not including access point or antenna)
10. Enclosure must be supported by the building ceiling structural system, not tile gridwork

AN. Basis of Design: Model 1075-AP205 as manufactured by Oberon, Inc.

1. Design: Suspended ceiling insert enclosure designed for APs and wireless multimedia gateways. Designed for Aruba AP205.
2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13.
3. Locking, fully-hinged interchangeable doors for different APs
4. Include firestop foam kit for cable egress
5. 1 in. trade size knockout on two walls. Junction box knockout in back-box
6. Back-box: Effective as a dust barrier for ICRA procedure compliance
7. Construction: 16 ga. aluminum clear coat back-box; 14 ga. door; textured, white, powder-coated steel door; 18ga. Flange; Back-box is effective as a dust barrier for ICRA procedure compliance
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11; includes hanger wire
10. Maximum weight inside enclosure is 25 lbs.
11. For recessed grid ceilings, designate "-T"for tegular flange units
12. AP max. operating temperature should be de-rated by 10°C inside the enclosure
13. Size: Flange is 15 x 15 in. (381 x 381 mm); Back-box is 12.75 xy 12.75 x 3.0 in. (324 x 324 x 77 mm)

AO. Basis of Design: Model 1075-AP215 as manufactured by Oberon, Inc.

1. Design: Suspended ceiling insert enclosure designed for APs and wireless multimedia gateways. Designed for Aruba AP215.
2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13.
3. Locking, fully-hinged interchangeable doors for different APs
4. Include firestop foam kit for cable egress
5. 1 in. trade size knockout on two walls. Junction box knockout in back-box
6. Back-box: Effective as a dust barrier for ICRA procedure compliance
7. Construction: 16 ga. aluminum clear coat back-box; 14 ga. door; textured, white, powder-coated steel door; 18ga. Flange; Back-box is effective as a dust barrier for ICRA procedure compliance
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11; includes hanger wire
10. Maximum weight inside enclosure is 25 lbs.
11. For recessed grid ceilings, designate "-T" for tegular flange units
12. AP max. operating temperature should be de-rated by 10°C inside the enclosure
13. Size: Flange is 15 x 15 in. (381 x 381 mm); Back-box is 12.75 x 12.75 x 3.0 in. (324 x 324 x 77 mm)

AP. Basis of Design: Model 1075-AP225 as manufactured by Oberon, Inc.

1. Design: Suspended ceiling insert enclosure designed for APs and wireless multimedia gateways. Designed for Aruba AP225.
2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13.
3. Locking, fully-hinged interchangeable doors for different APs
4. Include firestop foam kit for cable egress
5. 1 in. trade size knockout on two walls. Junction box knockout in back-box
6. Back-box: Effective as a dust barrier for ICRA procedure compliance
7. Construction: 16 ga. aluminum clear coat back-box; 14 ga. door; textured, white, powder-coated steel door; 18ga. Flange; Back-box is effective as a dust barrier for ICRA procedure compliance
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11; includes hanger wire
10. Maximum weight inside enclosure is 25 lbs.
11. For recessed grid ceilings, designate "-T" for tegular flange units
12. AP max. operating temperature should be de-rated by 10°C inside the enclosure
13. Size: Flange is 15 x 15 in. (381 x 381 mm); Back-box is 12.75 x 12.75 x 3.0 in. (324 x 324 x 77 mm)

AQ. Basis of Design: Model 1075-AP325 as manufactured by Oberon, Inc.

1. Design: Suspended ceiling insert enclosure designed for APs and wireless multimedia gateways. Designed for Aruba AP325.

2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13.
3. Locking, fully-hinged interchangeable doors for different APs
4. Include firestop foam kit for cable egress
5. 1 in. trade size knockout on two walls. Junction box knockout in back-box
6. Back-box: Effective as a dust barrier for ICRA procedure compliance
7. Construction: 16 ga. aluminum clear coat back-box; 14 ga. door; textured, white, powder-coated steel door; 18ga. Flange; Back-box is effective as a dust barrier for ICRA procedure compliance
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11; includes hanger wire
10. Maximum weight inside enclosure is 25 lbs.
11. For recessed grid ceilings, designate "-T" for tegular flange units
12. AP max. operating temperature should be de-rated by 10°C inside the enclosure
13. Size: Flange is 15 x 15 in. (381 x 381 mm); Back-box is 12.75 x 12.75 x 3.0 in. (324 x 324 x 77 mm)

AR. Basis of Design: Model 1075-CCOAP as manufactured by Oberon, Inc.

1. Design: Suspended ceiling insert enclosure designed for APs and wireless multimedia gateways. Designed for Cisco APs.
2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13.
3. Locking, fully-hinged interchangeable doors for different APs
4. Include firestop foam kit for cable egress
5. 1 in. trade size knockout on two walls. Junction box knockout in back-box
6. Back-box: Effective as a dust barrier for ICRA procedure compliance
7. Construction: 16 ga. aluminum clear coat back-box, 14 ga. door; textured, white, powder-coated steel door and 18ga. flange. Back-box is effective as a dust barrier for ICRA procedure compliance
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11; includes hanger wire
10. Maximum weight inside enclosure is 25 lbs.
11. For recessed grid ceilings, designate "-T" for tegular flange units
12. AP max. operating temperature should be de-rated by 10°C inside the enclosure
13. Size: Flange is 15 x 15 in. (381 x 381 mm). Back-box is 12.75 x 12.75 x 3.0 in. (324 x 324 x 77 mm)

AS. Basis of Design: Model 1075-CP as manufactured by Oberon, Inc.

1. Design: Suspended ceiling insert enclosure designed for APs and wireless multimedia gateways. Clear polycarbonate dome in door.
2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13. Clear plastic dome is transparent to wireless signals.

3. Locking, fully-hinged interchangeable doors for different APs
4. Include firestop foam kit for cable egress
5. 1 in. trade size knockout on two walls. Junction box knockout in back-box
6. Back-box: Effective as a dust barrier for ICRA procedure compliance; UL94-5VA clear polycarbonate dome in door
7. Construction: 16 ga. aluminum clear coat back-box; 14 ga. door; textured, white, powder-coated steel door and 18ga. Flange; back-box is effective as a dust barrier for ICRA procedure compliance; UL 94-5VA clear polycarbonate dome in door
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11; includes hanger wire
10. Maximum weight inside enclosure is 25 lbs.
11. For recessed grid ceilings, designate "-T" for tegular flange units
12. AP max. operating temperature should be de-rated by 10°C inside the enclosure
13. Size: Flange is 15 x 15 in. (381 x 381 mm). Back-box is 12.75 x 12.75 x 3.0 in. (324 x 324 x 77 mm)

AT. Basis of Design: Model 1075-WA as manufactured by Oberon, Inc.

1. Design: Suspended ceiling insert enclosure designed for APs and wireless multimedia gateways. White ABS plastic dome in door.
2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13. ABS plastic dome is transparent to wireless signals.
3. Locking, fully-hinged interchangeable doors for different APs
4. Include firestop foam kit for cable egress
5. 1 in. trade size knockout on two walls. Junction box knockout in back-box
6. Back-box: Effective as a dust barrier for ICRA procedure compliance; UL94-5VA white ABS plastic dome in door
7. Construction: 16 ga. aluminum clear coat back-box; 14 ga. door, textured, white, powder-coated steel door and 18 ga. Flange; back-box is effective as a dust barrier for ICRA procedure compliance; UL 94-5VA white ABS plastic dome in door
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11; includes hanger wire
10. Maximum weight inside enclosure is 25 lbs.
11. For recessed grid ceilings, designate "-T" for tegular flange units
12. AP max. operating temperature should be de-rated by 10°C inside the enclosure
13. Size: Flange is 15 x 15 in. (381 x 381 mm). Back-box is 12.75 x 12.75 x 3.0 in. (324 x 324 x 77 mm)

AU. Basis of Design: Model 1077-AP205 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to

meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13

3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.

AV. Basis of Design: Model 1077-AP205-T as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3

in.

AW. Basis of Design: Model 1077-AP215 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.

AX. Basis of Design: Model 1077-AP215-T as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements

10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.

AY. Basis of Design: Model 1077-AP225 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.

AZ. Basis of Design: Model 1077-AP225-T as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP,

creating an effective fire, smoke and dust barrier to simplify ICRA compliance

7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.

BA. Basis of Design: Model 1077-AP325 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.

BB. Basis of Design: Model 1077-AP325-T as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to

meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13

3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.

BC. Basis of Design: Model 1077-CCOAP as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3

in.

BD. Basis of Design: Model 1077-CCOAP-T as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.

BE. Basis of Design: Model 1077-CCOAP3800 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements

10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.

BF. Basis of Design: Model 1077-CCOAP3800-T as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.

BG. Basis of Design: Model 1077-CP as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP,

creating an effective fire, smoke and dust barrier to simplify ICRA compliance

7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.

BH. Basis of Design: Model 1077-CP-T as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.

BI. Basis of Design: Model 1077-WA as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to

meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13

3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.

BJ. Basis of Design: Model 1077-WA-T as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1077 configuration guide)
2. Performance: UL listed for low voltage and line voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
3. Interchangeable locking door, keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. Knockouts for single gang J-box, (2) keystone jacks, (2) 1 in. trade conduit connector
6. Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
7. Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
8. Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight to be installed inside the unit is 25 lbs.
11. De-rate upper operating temperature limit of AP by 10°C when AP in the enclosure
12. For recessed grid ceilings, specify "-T" for tegular flange units
13. Enclosure must be supported by the building structure independent of the suspended ceiling, per NEC paragraph 300.11
14. Size: Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3

in.

2.0.3. SUSPENDED CEILING MOUNTS

- A. Basis of Design: Model 1040-ANTMNT as manufactured by Oberon, Inc.
 - 1. Design: Recessed installation kit for installing APs and antennas in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, Speed Link support wire, AP or antenna bracket, and trim for AP or antenna from leading vendors, as identified in Oberon's Model 1040 configuration guide
 - 2. Performance: UL Listed for low-voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations
 - 3. AP/antenna trim is interchangeable for other APs or antennas. Trim attaches with torsion springs
 - 4. Construction: 20 ga. galvanized steel panel bridge, all metal bracket and trim. (Model 1040-FL only: Paintable, UL 94-5VA ABS plastic cover, virtually transparent to wireless signals)
 - 5. Use included Speed Link support wire to attach to building structure
 - 6. Size: 23.375 x 16 x 3 in. (594 x 406 x 76mm)
 - 7. Suitable for both North American and European (metric) sized ceilings

- B. Basis of Design: Model 1040-AP205 as manufactured by Oberon, Inc.
 - 1. Design: Recessed installation kit for installing APs and antennas in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, Speed Link support wire, AP or antenna bracket, and trim for AP or antenna from leading vendors, as identified in Oberon's Model 1040 configuration guide
 - 2. Performance: UL Listed for low-voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations
 - 3. AP/antenna trim is interchangeable for other APs or antennas. Trim attaches with torsion springs
 - 4. Construction: 20 ga. galvanized steel panel bridge, all metal bracket and trim. (Model 1040-FL only: Paintable, UL 94-5VA ABS plastic cover, virtually transparent to wireless signals)
 - 5. Use included Speed Link support wire to attach to building structure
 - 6. Size: 23.375 x 16 x 3 in. (594 x 406 x 76mm)
 - 7. Suitable for both North American and European (metric) sized ceilings

- C. Basis of Design: Model 1040-AP215 as manufactured by Oberon, Inc.
 - 1. Design: Recessed installation kit for installing APs and antennas in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, Speed Link support wire, AP or antenna bracket, and trim for AP or antenna from leading vendors, as identified in Oberon's Model 1040 configuration guide
 - 2. Performance: UL Listed for low-voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations
 - 3. AP/antenna trim is interchangeable for other APs or antennas. Trim attaches with torsion springs
 - 4. Construction: 20 ga. galvanized steel panel bridge, all metal bracket and trim. (Model 1040-FL only: Paintable, UL 94-5VA ABS plastic cover, virtually transparent to wireless signals)
 - 5. Use included Speed Link support wire to attach to building structure

6. Size: 23.375 x 16 x 3 in. (594 x 406 x 76mm)
 7. Suitable for both North American and European (metric) sized ceilings
- D. Basis of Design: Model 1040-AP225 as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs and antennas in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, Speed Link support wire, AP or antenna bracket, and trim for AP or antenna from leading vendors, as identified in Oberon's Model 1040 configuration guide
 2. Performance: UL Listed for low-voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations
 3. AP/antenna trim is interchangeable for other APs or antennas. Trim attaches with torsion springs
 4. Construction: 20 ga. galvanized steel panel bridge, all metal bracket and trim. (Model 1040-FL only: Paintable, UL 94-5VA ABS plastic cover, virtually transparent to wireless signals)
 5. Use included Speed Link support wire to attach to building structure
 6. Size: 23.375 x 16 x 3 in. (594 x 406 x 76mm)
 7. Suitable for both North American and European (metric) sized ceilings
- E. Basis of Design: Model 1040-AP305 as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs and antennas in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, Speed Link support wire, AP or antenna bracket, and trim for AP or antenna from leading vendors, as identified in Oberon's Model 1040 configuration guide
 2. Performance: UL Listed for low-voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations
 3. AP/antenna trim is interchangeable for other APs or antennas. Trim attaches with torsion springs
 4. Construction: 20 ga. galvanized steel panel bridge, all metal bracket and trim. (Model 1040-FL only: Paintable, UL 94-5VA ABS plastic cover, virtually transparent to wireless signals)
 5. Use included Speed Link support wire to attach to building structure
 6. Size: 23.375 x 16 x 3 in. (594 x 406 x 76mm)
 7. Suitable for both North American and European (metric) sized ceilings
- F. Basis of Design: Model 1040-AP315 as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs and antennas in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, Speed Link support wire, AP or antenna bracket, and trim for AP or antenna from leading vendors, as identified in Oberon's Model 1040 configuration guide
 2. Performance: UL Listed for low-voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations
 3. AP/antenna trim is interchangeable for other APs or antennas. Trim attaches with torsion springs
 4. Construction: 20 ga. galvanized steel panel bridge, all metal bracket and trim. (Model 1040-FL only: Paintable, UL 94-5VA ABS plastic cover, virtually transparent to wireless signals)
 5. Use included Speed Link support wire to attach to building structure

6. Size: 23.375 x 16 x 3 in. (594 x 406 x 76mm)
 7. Suitable for both North American and European (metric) sized ceilings
- G. Basis of Design: Model 1040-AP325 as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs and antennas in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, Speed Link support wire, AP or antenna bracket, and trim for AP or antenna from leading vendors, as identified in Oberon's Model 1040 configuration guide
 2. Performance: UL Listed for low-voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations
 3. AP/antenna trim is interchangeable for other APs or antennas. Trim attaches with torsion springs
 4. Construction: 20 ga. galvanized steel panel bridge, all metal bracket and trim. (Model 1040-FL only: Paintable, UL 94-5VA ABS plastic cover, virtually transparent to wireless signals)
 5. Use included Speed Link support wire to attach to building structure
 6. Size: 23.375 x 16 x 3 in. (594 x 406 x 76mm)
 7. Suitable for both North American and European (metric) sized ceilings
- H. Basis of Design: Model 1040-AP335 as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs and antennas in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, Speed Link support wire, AP or antenna bracket, and trim for AP or antenna from leading vendors, as identified in Oberon's Model 1040 configuration guide
 2. Performance: UL Listed for low-voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations
 3. AP/antenna trim is interchangeable for other APs or antennas. Trim attaches with torsion springs
 4. Construction: 20 ga. galvanized steel panel bridge, all metal bracket and trim. (Model 1040-FL only: Paintable, UL 94-5VA ABS plastic cover, virtually transparent to wireless signals)
 5. Use included Speed Link support wire to attach to building structure
 6. Size: 23.375 x 16 x 3 in. (594 x 406 x 76mm)
 7. Suitable for both North American and European (metric) sized ceilings
- I. Basis of Design: Model 1040-BLANK as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs and antennas in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, Speed Link support wire, AP or antenna bracket, and trim for AP or antenna from leading vendors, as identified in Oberon's Model 1040 configuration guide
 2. Performance: UL Listed for low-voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations
 3. AP/antenna trim is interchangeable for other APs or antennas. Trim attaches with torsion springs
 4. Construction: 20 ga. galvanized steel panel bridge, all metal bracket and trim. (Model 1040-FL only: Paintable, UL 94-5VA ABS plastic cover, virtually transparent to wireless signals)
 5. Use included Speed Link support wire to attach to building structure

6. Size: 23.375 x 16 x 3 in. (594 x 406 x 76mm)
 7. Suitable for both North American and European (metric) sized ceilings
- J. Basis of Design: Model 1040-CCOAP as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs and antennas in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, Speed Link support wire, AP or antenna bracket, and trim for AP or antenna from leading vendors, as identified in Oberon's Model 1040 configuration guide
 2. Performance: UL Listed for low-voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations
 3. AP/antenna trim is interchangeable for other APs or antennas. Trim attaches with torsion springs
 4. Construction: 20 ga. galvanized steel panel bridge, all metal bracket and trim. (Model 1040-FL only: Paintable, UL 94-5VA ABS plastic cover, virtually transparent to wireless signals)
 5. Use included Speed Link support wire to attach to building structure
 6. Size: 23.375 x 16 x 3 in. (594 x 406 x 76mm)
 7. Suitable for both North American and European (metric) sized ceilings
- K. Basis of Design: Model 1040-CCOAP3800 as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs and antennas in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, Speed Link support wire, AP or antenna bracket, and trim for AP or antenna from leading vendors, as identified in Oberon's Model 1040 configuration guide
 2. Performance: UL Listed for low-voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations
 3. AP/antenna trim is interchangeable for other APs or antennas. Trim attaches with torsion springs
 4. Construction: 20 ga. galvanized steel panel bridge, all metal bracket and trim. (Model 1040-FL only: Paintable, UL 94-5VA ABS plastic cover, virtually transparent to wireless signals)
 5. Use included Speed Link support wire to attach to building structure
 6. Size: 23.375 x 16 x 3 in. (594 x 406 x 76mm)
 7. Suitable for both North American and European (metric) sized ceilings
- L. Basis of Design: Model 1040-FL as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs and antennas in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, Speed Link support wire, AP or antenna bracket, and trim for AP or antenna from leading vendors, as identified in Oberon's Model 1040 configuration guide
 2. Performance: UL Listed for low-voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations
 3. AP/antenna trim is interchangeable for other APs or antennas. Trim attaches with torsion springs
 4. Construction: 20 ga. galvanized steel panel bridge, all metal bracket and trim. (Model 1040-FL only: Paintable, UL 94-5VA ABS plastic cover, virtually transparent to wireless signals)
 5. Use included Speed Link support wire to attach to building structure

6. Size: 23.375 x 16 x 3 in. (594 x 406 x 76mm)
7. Suitable for both North American and European (metric) sized ceilings

M. Basis of Design: Model 1044-ANTMNT as manufactured by Oberon, Inc.

1. Design: Recessed installation kit for installing APs in fire rated 2 x 2 ft. suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, hanger wire, AP bracket and trim for AP or antenna from leading vendors. See Oberon's model 1044 configuration guide
2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 11 °C when mounted in enclosure
3. AP trim is interchangeable for other APs. Trim attaches to back box with torsion spring for fast, tool-less installation
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. Construction: 20 ga. galvanized steel tile bridge and back-box and white, powder-coated steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL 94-5VA ABS plastic cover, cover is virtually transparent to wireless signals)
6. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
7. Maximum weight inside enclosure is 25 lbs.
8. Use included hanger wire to attach to building structure
9. Size: 16 x 23.475 x 3 in. (406 x 596 x 76 mm). Back-box is 12.5 x 12.5 x 3 in. (318 x 318 x 76 mm)
10. Suitable for both North American and European ceilings

N. Basis of Design: Model 1044-AP205 as manufactured by Oberon, Inc.

1. Design: Recessed installation kit for installing APs in fire rated 2 x 2 ft. suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, hanger wire, AP bracket and trim for AP or antenna from leading vendors. See Oberon's model 1044 configuration guide
2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 11 °C when mounted in enclosure
3. AP trim is interchangeable for other APs. Trim attaches to back box with torsion spring for fast, tool-less installation
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. Construction: 20 ga. galvanized steel tile bridge and back-box and white, powder-coated steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL 94-5VA ABS plastic cover, cover is virtually transparent to wireless signals)
6. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
7. Maximum weight inside enclosure is 25 lbs.
8. Use included hanger wire to attach to building structure
9. Size: 16 x 23.475 x 3 in. (406 x 596 x 76 mm). Back-box is 12.5 x 12.5 x 3 in. (318 x 318 x 76 mm)
10. Suitable for both North American and European ceilings

- O. Basis of Design: Model 1044-AP215 as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs in fire rated 2 x 2 ft. suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, hanger wire, AP bracket and trim for AP or antenna from leading vendors. See Oberon's model 1044 configuration guide
 2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 11°C when mounted in enclosure
 3. AP trim is interchangeable for other APs. Trim attaches to back box with torsion spring for fast, tool-less installation
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. Construction: 20 ga. galvanized steel tile bridge and back-box and white, powder-coated steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL 94-5VA ABS plastic cover, cover is virtually transparent to wireless signals)
 6. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 7. Maximum weight inside enclosure is 25 lbs.
 8. Use included hanger wire to attach to building structure
 9. Size: 16 x 23.475 x 3 in. (406 x 596 x 76 mm). Back-box is 12.5 x 12.5 x 3 in. (318 x 318 x 76 mm)
 10. Suitable for both North American and European ceilings
- P. Basis of Design: Model 1044-AP225 as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs in fire rated 2 x 2 ft. suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, hanger wire, AP bracket and trim for AP or antenna from leading vendors. See Oberon's model 1044 configuration guide
 2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 11°C when mounted in enclosure
 3. AP trim is interchangeable for other APs. Trim attaches to back box with torsion spring for fast, tool-less installation
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. Construction: 20 ga. galvanized steel tile bridge and back-box and white, powder-coated steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL 94-5VA ABS plastic cover, cover is virtually transparent to wireless signals)
 6. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 7. Maximum weight inside enclosure is 25 lbs.
 8. Use included hanger wire to attach to building structure
 9. Size: 16 x 23.475 x 3 in. (406 x 596 x 76 mm). Back-box is 12.5 x 12.5 x 3 in. (318 x 318 x 76 mm)
 10. Suitable for both North American and European ceilings
- Q. Basis of Design: Model 1044-AP305 as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs in fire rated 2 x 2 ft. suspended

ceiling tiles. Comprised of steel ceiling tile bridge and back box, hanger wire, AP bracket and trim for AP or antenna from leading vendors. See Oberon's model 1044 configuration guide

2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 11 °C when mounted in enclosure
3. AP trim is interchangeable for other APs. Trim attaches to back box with torsion spring for fast, tool-less installation
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. Construction: 20 ga. galvanized steel tile bridge and back-box and white, powder-coated steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL 94-5VA ABS plastic cover, cover is virtually transparent to wireless signals)
6. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
7. Maximum weight inside enclosure is 25 lbs.
8. Use included hanger wire to attach to building structure
9. Size: 16 x 23.475 x 3 in. (406 x 596 x 76 mm). Back-box is 12.5 x 12.5 x 3 in. (318 x 318 x 76 mm)
10. Suitable for both North American and European ceilings

R. Basis of Design: Model 1044-AP315 as manufactured by Oberon, Inc.

1. Design: Recessed installation kit for installing APs in fire rated 2 x 2 ft. suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, hanger wire, AP bracket and trim for AP or antenna from leading vendors. See Oberon's model 1044 configuration guide
2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 11 °C when mounted in enclosure
3. AP trim is interchangeable for other APs. Trim attaches to back box with torsion spring for fast, tool-less installation
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. Construction: 20 ga. galvanized steel tile bridge and back-box and white, powder-coated steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL 94-5VA ABS plastic cover, cover is virtually transparent to wireless signals)
6. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
7. Maximum weight inside enclosure is 25 lbs.
8. Use included hanger wire to attach to building structure
9. Size: 16 x 23.475 x 3 in. (406 x 596 x 76 mm). Back-box is 12.5 x 12.5 x 3 in. (318 x 318 x 76 mm)
10. Suitable for both North American and European ceilings

S. Basis of Design: Model 1044-AP325 as manufactured by Oberon, Inc.

1. Design: Recessed installation kit for installing APs in fire rated 2 x 2 ft. suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, hanger wire, AP bracket and trim for AP or antenna from leading vendors. See Oberon's model 1044 configuration guide

2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 11 °C when mounted in enclosure
 3. AP trim is interchangeable for other APs. Trim attaches to back box with torsion spring for fast, tool-less installation
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. Construction: 20 ga. galvanized steel tile bridge and back-box and white, powder-coated steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL 94-5VA ABS plastic cover, cover is virtually transparent to wireless signals)
 6. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 7. Maximum weight inside enclosure is 25 lbs.
 8. Use included hanger wire to attach to building structure
 9. Size: 16 x 23.475 x 3 in. (406 x 596 x 76 mm). Back-box is 12.5 x 12.5 x 3 in. (318 x 318 x 76 mm)
 10. Suitable for both North American and European ceilings
- T. Basis of Design: Model 1044-AP335 as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs in fire rated 2 x 2 ft. suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, hanger wire, AP bracket and trim for AP or antenna from leading vendors. See Oberon's model 1044 configuration guide
 2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 11 °C when mounted in enclosure
 3. AP trim is interchangeable for other APs. Trim attaches to back box with torsion spring for fast, tool-less installation
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. Construction: 20 ga. galvanized steel tile bridge and back-box and white, powder-coated steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL 94-5VA ABS plastic cover, cover is virtually transparent to wireless signals)
 6. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 7. Maximum weight inside enclosure is 25 lbs.
 8. Use included hanger wire to attach to building structure
 9. Size: 16 x 23.475 x 3 in. (406 x 596 x 76 mm). Back-box is 12.5 x 12.5 x 3 in. (318 x 318 x 76 mm)
 10. Suitable for both North American and European ceilings
- U. Basis of Design: Model 1044-BLANK as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs in fire rated 2 x 2 ft. suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, hanger wire, AP bracket and trim for AP or antenna from leading vendors. See Oberon's model 1044 configuration guide
 2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 11 °C when mounted in enclosure

3. AP trim is interchangeable for other APs. Trim attaches to back box with torsion spring for fast, tool-less installation
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. Construction: 20 ga. galvanized steel tile bridge and back-box and white, powder-coated steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL 94-5VA ABS plastic cover, cover is virtually transparent to wireless signals)
6. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
7. Maximum weight inside enclosure is 25 lbs.
8. Use included hanger wire to attach to building structure
9. Size: 16 x 23.475 x 3 in. (406 x 596 x 76 mm). Back-box is 12.5 x 12.5 x 3 in. (318 x 318 x 76 mm)
10. Suitable for both North American and European ceilings

V. Basis of Design: Model 1044-CCOAP as manufactured by Oberon, Inc.

1. Design: Recessed installation kit for installing APs in fire rated 2 x 2 ft. suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, hanger wire, AP bracket and trim for AP or antenna from leading vendors. See Oberon's model 1044 configuration guide
2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 11 °C when mounted in enclosure
3. AP trim is interchangeable for other APs. Trim attaches to back box with torsion spring for fast, tool-less installation
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. Construction: 20 ga. galvanized steel tile bridge and back-box and white, powder-coated steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL 94-5VA ABS plastic cover, cover is virtually transparent to wireless signals)
6. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
7. Maximum weight inside enclosure is 25 lbs.
8. Use included hanger wire to attach to building structure
9. Size: 16 x 23.475 x 3 in. (406 x 596 x 76 mm). Back-box is 12.5 x 12.5 x 3 in. (318 x 318 x 76 mm)
10. Suitable for both North American and European ceilings

W. Basis of Design: Model 1044-CCOAP3800 as manufactured by Oberon, Inc.

1. Design: Recessed installation kit for installing APs in fire rated 2 x 2 ft. suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, hanger wire, AP bracket and trim for AP or antenna from leading vendors. See Oberon's model 1044 configuration guide
2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 11 °C when mounted in enclosure
3. AP trim is interchangeable for other APs. Trim attaches to back box with torsion spring for fast, tool-less installation

4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. Construction: 20 ga. galvanized steel tile bridge and back-box and white, powder-coated steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL 94-5VA ABS plastic cover, cover is virtually transparent to wireless signals)
 6. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 7. Maximum weight inside enclosure is 25 lbs.
 8. Use included hanger wire to attach to building structure
 9. Size: 16 x 23.475 x 3 in. (406 x 596 x 76 mm). Back-box is 12.5 x 12.5 x 3 in. (318 x 318 x 76 mm)
 10. Suitable for both North American and European ceilings
- X. Basis of Design: Model 1044-FL as manufactured by Oberon, Inc.
1. Design: Recessed installation kit for installing APs in fire rated 2 x 2 ft. suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, hanger wire, AP bracket and trim for AP or antenna from leading vendors. See Oberon's model 1044 configuration guide
 2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 11°C when mounted in enclosure
 3. AP trim is interchangeable for other APs. Trim attaches to back box with torsion spring for fast, tool-less installation
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. Construction: 20 ga. galvanized steel tile bridge and back-box and white, powder-coated steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL 94-5VA ABS plastic cover, cover is virtually transparent to wireless signals)
 6. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 7. Maximum weight inside enclosure is 25 lbs.
 8. Use included hanger wire to attach to building structure
 9. Size: 16 x 23.475 x 3 in. (406 x 596 x 76 mm). Back-box is 12.5 x 12.5 x 3 in. (318 x 318 x 76 mm)
 10. Suitable for both North American and European ceilings
- Y. Basis of Design: Model 1045-00 as manufactured by Oberon, Inc.
1. Design: Above-ceiling installation kit for installing wireless access points above a 2' by 2' suspended ceiling. Mounts most vendors' access points.
 2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations.
 3. Includes hanger bar, hanger bar extensions, adjustable wire rope hanger wire, universal T-bar, and light pipe
 4. Mounting hardware for most vendors' access points
 5. Light pipe can be pressed through ceiling tile so that status LED is visible
 6. Mount must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11
 7. Includes adjustable wire rope hanger wire

8. Maximum weight supported is 25 lbs.
 9. Size: 1 inches by 23.75 inches by 3 inches (25 mm by 603 mm by 76mm)
- Z. Basis of Design: Model 1064-00 as manufactured by Oberon, Inc.
1. Design: Economical ceiling mount designed specifically for aesthetic, secure mounting of Cisco APs
 2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13
 3. NOT designed for Cisco 2800/3800 APs
 4. Construction: 18 ga. textured white powder-coated steel flange, 16 ga. aluminum back-box. Patent pending locking mechanism, keyed alike, secures AP into the ceiling mount. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 5. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 6. Product must be supported by the building structure independent of the suspended ceiling
 7. Size: 23.75 x 23.75 x 2.5 in. (603 x 603 x 64 mm)
- AA. Basis of Design: Model 1064-T as manufactured by Oberon, Inc.
1. Design: Economical ceiling mount designed specifically for aesthetic, secure mounting of Cisco AP
 2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13
 3. NOT designed for Cisco 2800/3800 APs
 4. Designate -T units for installation in recessed grid ceilings
 5. Construction: 18 ga. textured white powder-coated steel flange, 16 ga. aluminum back-box. Patent pending locking mechanism, keyed alike, secures AP into the ceiling mount. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 6. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 7. Product must be supported by the building structure independent of the suspended ceiling
 8. Size: 23.75 x 23.75 x 2.5 in. (603 x 603 x 64 mm)
- AB. Basis of Design: Model 1068-00 as manufactured by Oberon, Inc.
1. Design: Economical, locking ceiling mount designed specifically for aesthetic, secure mounting of Aruba 215/225/305/315/325/335 APs
 2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13
 3. Construction: 18 ga. textured white powder-coated steel flange, 16 ga. aluminum back-box. Patent pending universal AP locking mechanism, keyed alike, secures AP from most vendors into the ceiling mount. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
 4. Product must be supported by the building structure independent of the suspended ceiling
 5. Size: 23.75 x 23.75 x 2.5 in. (603 x 603 x 64 mm)

2.0.4. SUSPENDED CEILING ZONE AND A/V ENCLOSURES

- A. Basis of Design: Model 1028-04-ANT5-B as manufactured by Oberon, Inc.
1. Configuration: Model 1028-04-ANT5-B: 4.5 in. (114 mm) deep, door with 5 openings and plugs for antennas
 2. Configuration: Model 1028-08-ANT5-B: 9.1 in. (231 mm) deep, door with 5 openings and plugs for antennas
 3. Design: Hard lid, recessed, ceiling enclosure protects critical APs, DAS remote units, and public safety equipment with detachable antennas. This water- and dust-proof steel enclosure has knockouts in the hinged door for ceiling-mounted antennas or water-resistant bulkhead connectors for antennas
 4. Performance: Designed to NEMA 1, 2, 3R, 4, 5, 12, 12k, and IEC529-IP66 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UL-Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space. OSHPD approved
 5. Fully-hinged door clamps to the back-box with keyed quarter turn latch for a watertight seal. Door has mounting features for up to 5 antennas
 6. Holes and plugs in cover and back-box for field installed, external, body mount antennas or bulkhead connectors
 7. Includes internal universal mounting panel, T-bar bracket, hole plugs, and hanger wire
 8. Construction: White, 12 ga. powder-coated aluminum back-box and door, white, 18 ga. powder-coated steel bezel
 9. Enclosure shall be supported by the building ceiling structural system, not tile grid work
 10. Maximum weight inside enclosure is 25 lbs.
 11. Size: Bezel is 20.1 x 20.1 in. (510 x 510 mm). Enclosure is 15.75 x 13.9 x 4.5 or 9.1 in. (400 x 353 x 114 mm or 231)
- B. Basis of Design: Model 1028-04-ANT5-F as manufactured by Oberon, Inc.
1. Configuration: Model 1028-04-ANT5-B: 4.5 in. (114 mm) deep, door with 5 openings and plugs for antennas
 2. Configuration: Model 1028-08-ANT5-B: 9.1 in. (231 mm) deep, door with 5 openings and plugs for antennas
 3. Design: Suspended ceiling enclosure protects critical APs, DAS remote units, and public safety equipment with detachable antennas. This water- and dust-proof steel enclosure has knockouts in the hinged door for ceiling-mounted antennas or water-resistant bulkhead connectors for antennas
 4. Performance: Designed to NEMA 1, 2, 3R, 4, 5, 12, 12k, and IEC529-IP66 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UL-Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space. OSHPD approved
 5. Fully-hinged door clamps to the back-box with keyed quarter turn latch for a watertight seal. Door has mounting features for up to 5 antennas
 6. Holes and plugs in cover and back-box for field installed, external, body mount antennas or bulkhead connectors
 7. Includes internal universal mounting panel, T-bar bracket, hole plugs, and hanger wire
 8. Construction: White, 12 ga. powder-coated aluminum back-box and door, white, 18 ga. powder-coated steel bezel
 9. Enclosure shall be supported by the building ceiling structural system, not tile grid

work

10. Maximum weight inside enclosure is 25 lbs.
11. Size: Flange is 23.75 x 23.75 in. (603 x 603 mm). Enclosure is 15.75 x 13.9 x 4.5 or 9.1 in. (400 x 353 x 114 mm or 231)

C. Basis of Design: Model 1028-08-ANT5-B as manufactured by Oberon, Inc.

1. Configuration: Model 1028-04-ANT5-B: 4.5 in. (114 mm) deep, door with 5 openings and plugs for antennas
2. Configuration: Model 1028-08-ANT5-B: 9.1 in. (231 mm) deep, door with 5 openings and plugs for antennas
3. Design: Hard lid, recessed, ceiling enclosure protects critical APs, DAS remote units, and public safety equipment with detachable antennas. This water- and dust-proof steel enclosure has knockouts in the hinged door for ceiling-mounted antennas or water-resistant bulkhead connectors for antennas
4. Performance: Designed to NEMA 1, 2, 3R, 4, 5, 12, 12k, and IEC529-IP66 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UL-Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space. OSHPD approved
5. Fully-hinged door clamps to the back-box with keyed quarter turn latch for a watertight seal. Door has mounting features for up to 5 antennas
6. Holes and plugs in cover and back-box for field installed, external, body mount antennas or bulkhead connectors
7. Includes internal universal mounting panel, T-bar bracket, hole plugs, and hanger wire
8. Construction: White, 12 ga. powder-coated aluminum back-box and door, white, 18 ga. powder-coated steel bezel
9. Enclosure shall be supported by the building ceiling structural system, not tile grid work
10. Maximum weight inside enclosure is 25 lbs.
11. Size: Bezel is 20.1 x 20.1 in. (510 x 510 mm). Enclosure is 15.75 x 13.9 x 4.5 or 9.1 in. (400 x 353 x 114 mm or 231)

D. Basis of Design: Model 1028-08-ANT5-F as manufactured by Oberon, Inc.

1. Configuration: Model 1028-04-ANT5-B: 4.5 in. (114 mm) deep, door with 5 openings and plugs for antennas
2. Configuration: Model 1028-08-ANT5-B: 9.1 in. (231 mm) deep, door with 5 openings and plugs for antennas
3. Design: Suspended ceiling enclosure protects critical APs, DAS remote units, and public safety equipment with detachable antennas. This water- and dust-proof steel enclosure has knockouts in the hinged door for ceiling-mounted antennas or water-resistant bulkhead connectors for antennas
4. Performance: Designed to NEMA 1, 2, 3R, 4, 5, 12, 12k, and IEC529-IP66 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UL-Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space. OSHPD approved
5. Fully-hinged door clamps to the back-box with keyed quarter turn latch for a watertight seal. Door has mounting features for up to 5 antennas
6. Holes and plugs in cover and back-box for field installed, external, body mount antennas or bulkhead connectors
7. Includes internal universal mounting panel, T-bar bracket, hole plugs, and hanger wire

8. Construction: White, 12 ga. powder-coated aluminum back-box and door, white, 18 ga. powder-coated steel bezel
 9. Enclosure shall be supported by the building ceiling structural system, not tile grid work
 10. Maximum weight inside enclosure is 25 lbs.
 11. Size: Flange is 23.75 x 23.75 in. (603 x 603 mm). Enclosure is 15.75 x 13.9 x 4.5 or 9.1 in. (400 x 353 x 114 mm or 231)
- E. Basis of Design: Model 1074-04-ANT7 as manufactured by Oberon, Inc.
1. Configuration: Model 1074-04-ANT7: 4-1/2 in. (114 mm) deep, 2U rack mount brackets, non-ventilated door with 7 openings for antennas
 2. Configuration: Model 1074-06-ANT7: 6-1/2 in. (165 mm) deep, 3U rack mount brackets, non-ventilated door with 7 openings for antennas
 3. Design: General purpose telecommunications, ceiling-mounted, consolidation enclosure, shall be a locking, 2 x 2 ft. (610 x 610 mm) ceiling tile enclosure designed to accommodate up to 3 standard (1U) rack-mountable components. Suitable for non-plenum rated equipment
 4. Performance: UL-Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space. OSHPD approved
 5. Fully hinged locking door, keyed alike. Door has mounting features for up to 7 antennas
 6. Knockouts for two AC receptacles, eight 1 in. trade size conduit connectors, and four 5 in. wide fire stopped openings
 7. Includes two 5 in. cable egress firestop foam kits, and one 1 in. trade size firestop foam kit
 8. Includes pair of rack mount brackets, AC receptacle and junction box, and hanger wire
 9. Construction: White, 10 ga. powder-coated aluminum back-box and flange, white, 8 ga. powder-coated aluminum door
 10. Enclosure shall be supported by the building ceiling structural system, not tile grid work
 11. Maximum weight inside enclosure is 25 lbs.
 12. Size: Flange is 23.75 x 23.75 in. (610 x 610 mm), Enclosure is 22.7 x 22.7 x 4.5 or 6.5 (577 x 577 x 115 mm)
- F. Basis of Design: Model 1074-04-DOME as manufactured by Oberon, Inc.
1. Configuration: Model 1074-04-DOME: 4-1/2 in. (114 mm) deep, 2U rack mount brackets, mounting features in door for universal projector mount
 2. Configuration: Model 1074-06-DOME: 6-1/2 in. (165 mm) deep, 3U rack mount brackets, mounting features in door for universal projector mount
 3. Design: General purpose telecommunications, ceiling-mounted, consolidation enclosure, shall be a locking, 24 x 24 in. (610 x 610 mm) ceiling tile enclosure designed to accommodate up to 3 standard (1U) rack-mountable components and larger APs and antennas. Suitable for non-plenum rated equipment
 4. Performance: UL-Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space. OSHPD approved
 5. Fully hinged locking door, keyed alike. ABS Plastic dome in door is virtually

transparent to wireless signals

6. Knockouts for two AC receptacles, eight 1 in. trade size conduit connectors, and four 5 in. wide fire stopped openings
 7. Includes two 5 in. cable egress firestop foam kits, and one 1 in. trade size firestop foam kit. Cable egress openings are large enough for pre-terminated cables
 8. Includes pair of rack mount brackets, AC receptacle and junction box, and hanger wire
 9. Construction: White, 10 ga. powder-coated aluminum back-box and flange, white, 8 ga. powder-coated aluminum door
 10. Enclosure shall be supported by the building ceiling structural system, not tile grid work
 11. Maximum weight inside enclosure is 25 lbs.
 12. Size: Flange is 23.75 x 23.75 in. (610 x 610 mm), Enclosure is 22.7 x 22.7 x 4.5 or 6.5 in. (577 x 577 x 115 mm). Dome is 14 x 14 x 4 in. (358 x 358 x 100 mm)
- G. Basis of Design: Model 1074-04-VENT as manufactured by Oberon, Inc.
1. Configuration: Model 1074-04-VENT: 4-1/2 in. (114 mm) deep, 2U rack mount brackets, beveled, ventilated door
 2. Configuration: Model 1074-06-VENT: 6-1/2 in. (165 mm) deep, 3U rack mount brackets, beveled, ventilated door
 3. Design: General purpose telecommunications, ceiling-mounted, consolidation enclosure, shall be a locking, 2 x 2 ft. (610 x 610 mm) ceiling tile enclosure designed to accommodate up to 3 standard (1U) rack-mountable components. Suitable for non-plenum rated equipment
 4. Performance: UL-Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space. OSHPD approved
 5. Fully hinged locking door, keyed alike. Door is beveled and highly perforated for ventilation
 6. Knockouts for two AC receptacles, eight 1 in. trade size conduit connectors, and four 5 in. wide fire stopped openings
 7. Includes two 5 in. cable egress firestop foam kits, and one 1 in. trade size firestop foam kit
 8. Includes pair of rack mount brackets, AC receptacle and junction box, and hanger wire
 9. Construction: White, 10 ga. powder-coated aluminum back-box and flange, white, 8 ga. powder-coated aluminum door
 10. Enclosure shall be supported by the building ceiling structural system, not tile grid work
 11. Maximum weight inside enclosure is 25 lbs.
 12. Size: Flange is 23.75 x 23.75 in. (610 x 610 mm), Enclosure is 22.7 x 22.7 x 4.5 or 6.5 (577 x 577 x 115 mm)
- H. Basis of Design: Model 1074-06-ANT7 as manufactured by Oberon, Inc.
1. Configuration: Model 1074-04-ANT7: 4-1/2 in. (114 mm) deep, 2U rack mount brackets, non-ventilated door with 7 openings for antennas
 2. Configuration: Model 1074-06-ANT7: 6-1/2 in. (165 mm) deep, 3U rack mount brackets, non-ventilated door with 7 openings for antennas

3. Design: General purpose telecommunications, ceiling-mounted, consolidation enclosure, shall be a locking, 2 x 2 ft. (610 x 610 mm) ceiling tile enclosure designed to accommodate up to 3 standard (1U) rack-mountable components. Suitable for non-plenum rated equipment
 4. Performance: UL-Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space. OSHPD approved
 5. Fully hinged locking door, keyed alike. Door has mounting features for up to 7 antennas
 6. Knockouts for two AC receptacles, eight 1 in. trade size conduit connectors, and four 5 in. wide fire stopped openings
 7. Includes two 5 in. cable egress firestop foam kits, and one 1 in. trade size firestop foam kit
 8. Includes pair of rack mount brackets, AC receptacle and junction box, and hanger wire
 9. Construction: White, 10 ga. powder-coated aluminum back-box and flange, white, 8 ga. powder-coated aluminum door
 10. Enclosure shall be supported by the building ceiling structural system, not tile grid work
 11. Maximum weight inside enclosure is 25 lbs.
 12. Size: Flange is 23.75 x 23.75 in. (610 x 610 mm), Enclosure is 22.7 x 22.7 x 4.5 or 6.5 (577 x 577 x 115 mm)
- I. Basis of Design: Model 1074-06-DOME as manufactured by Oberon, Inc.
1. Configuration: Model 1074-04-DOME: 4-1/2 in. (114 mm) deep, 2U rack mount brackets, mounting features in door for universal projector mount
 2. Configuration: Model 1074-06-DOME: 6-1/2 in. (165 mm) deep, 3U rack mount brackets, mounting features in door for universal projector mount
 3. Design: General purpose telecommunications, ceiling-mounted, consolidation enclosure, shall be a locking, 24 x 24 in. (610 x 610 mm) ceiling tile enclosure designed to accommodate up to 3 standard (1U) rack-mountable components and larger APs and antennas. Suitable for non-plenum rated equipment
 4. Performance: UL-Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space. OSHPD approved
 5. Fully hinged locking door, keyed alike. ABS Plastic dome in door is virtually transparent to wireless signals
 6. Knockouts for two AC receptacles, eight 1 in. trade size conduit connectors, and four 5 in. wide fire stopped openings
 7. Includes two 5 in. cable egress firestop foam kits, and one 1 in. trade size firestop foam kit. Cable egress openings are large enough for pre-terminated cables
 8. Includes pair of rack mount brackets, AC receptacle and junction box, and hanger wire
 9. Construction: White, 10 ga. powder-coated aluminum back-box and flange, white, 8 ga. powder-coated aluminum door
 10. Enclosure shall be supported by the building ceiling structural system, not tile grid work
 11. Maximum weight inside enclosure is 25 lbs.

12. Size: Flange is 23.75 x 23.75 in. (610 x 610 mm), Enclosure is 22.7 x 22.7 x 4.5 or 6.5 in. (577 x 577 x 115 mm). Dome is 14 x 14 x 4 in. (358 x 358 x 100 mm)
- J. Basis of Design: Model 1074-06-VENT as manufactured by Oberon, Inc.
1. Configuration: Model 1074-04-VENT: 4-1/2 in. (114 mm) deep, 2U rack mount brackets, beveled, ventilated door
 2. Configuration: Model 1074-06-VENT: 6-1/2 in. (165 mm) deep, 3U rack mount brackets, beveled, ventilated door
 3. Design: General purpose telecommunications, ceiling-mounted, consolidation enclosure, shall be a locking, 2 x 2 ft. (610 x 610 mm) ceiling tile enclosure designed to accommodate up to 3 standard (1U) rack-mountable components. Suitable for non-plenum rated equipment
 4. Performance: UL-Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space. OSHPD approved
 5. Fully hinged locking door, keyed alike. Door is beveled and highly perforated for ventilation
 6. Knockouts for two AC receptacles, eight 1 in. trade size conduit connectors, and four 5 in. wide fire stopped openings
 7. Includes two 5 in. cable egress firestop foam kits, and one 1 in. trade size firestop foam kit
 8. Includes pair of rack mount brackets, AC receptacle and junction box, and hanger wire
 9. Construction: White, 10 ga. powder-coated aluminum back-box and flange, white, 8 ga. powder-coated aluminum door
 10. Enclosure shall be supported by the building ceiling structural system, not tile grid work
 11. Maximum weight inside enclosure is 25 lbs.
 12. Size: Flange is 23.75 x 23.75 in. (610 x 610 mm), Enclosure is 22.7 x 22.7 x 4.5 or 6.5 (577 x 577 x 115 mm)

2.0.5. WALL AND HARD CEILING - RECESS MOUNT

- A. Basis of Design: Model 1019-RM as manufactured by Oberon, Inc.
1. Design: Non-metallic AP flush-mount enclosure. Designed to conceal and secure APs with integrated or non-detachable antennas
 2. Performance: Ventilated, paintable, impact resistant, and flame retardant PC/ABS plastic enclosure is virtually transparent to wireless signals
 3. Snap-on cover with concealed attachment points can optionally be screwed on for added security
 4. Universal T-bar mounting plate for most vendor's APs, mounting features for Cisco APs
 5. Built-in and removable cable management features
 6. Construction: Flame retardant PC/ABS plastic. All PC/ABS components are white. 18 gauge galvanized steel AP mounting plate
 7. Size: Cage (backbox) is 13.5 x 13.5 x 3.7 in. (343 x 343 x 94 mm). Cover is 15.7 x 15.7 in. (400 x 400 mm)
- B. Basis of Design: Model 1041-WA as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit designed for APs with integrated antennas. Low profile textured white plastic ABS dome provides a professional finish. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction) ¾ inch thick or less. Designed for most vendors AP
 2. Performance: designed to meet NEC300-22 and 300-23 for plenum installations. Economical, attractive, single piece assembly, installs quickly
 3. ABS plastic dome is captured in recess mount and is virtually transparent to wireless signals
 4. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels ¾ in. thick or less
 5. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. UL94-5VA ABS plastic dome
 6. Size: Trim is 13.25 x 13.25 in. (337 x 337 mm). Back-box is 11 x 11 x 2 in. (280 x 280 x 51 mm). ABS Plastic dome is 9 x 9 x 1.5 in. (230 x 230 x 38 mm)
- C. Basis of Design: Model 1042-ANTMNT as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit for APs and antennas. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). AP mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1042 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box. Trim attaches with torsion spring
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in two walls
 6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels .75 in. thick or less
 7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL-945VA ABS Plastic cover, virtually transparent to wireless signals)
 8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 9. Maximum weight inside enclosure is 25 lbs.
 10. Size: Trim is 14.64 x 14.64 x 0.3 in. (372 x 372 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
 11. Suitable for both North American and European (metric) ceilings
- D. Basis of Design: Model 1042-AP205 as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit for APs and antennas. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). AP mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1042 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by

10°C when mounted in enclosure

3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box. Trim attaches with torsion spring
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels .75 in. thick or less
7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL-945VA ABS Plastic cover, virtually transparent to wireless signals)
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Maximum weight inside enclosure is 25 lbs.
10. Size: Trim is 14.64 x 14.64 x 0.3 in. (372 x 372 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
11. Suitable for both North American and European (metric) ceilings

E. Basis of Design: Model 1042-AP215 as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit for APs and antennas. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). AP mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1042 configuration guide
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box. Trim attaches with torsion spring
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels .75 in. thick or less
7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL-945VA ABS Plastic cover, virtually transparent to wireless signals)
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Maximum weight inside enclosure is 25 lbs.
10. Size: Trim is 14.64 x 14.64 x 0.3 in. (372 x 372 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
11. Suitable for both North American and European (metric) ceilings

F. Basis of Design: Model 1042-AP225 as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit for APs and antennas. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). AP mounts in interchangeable bracket and trim,

providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1042 configuration guide

2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box. Trim attaches with torsion spring
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels .75 in. thick or less
7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL-945VA ABS Plastic cover, virtually transparent to wireless signals)
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Maximum weight inside enclosure is 25 lbs.
10. Size: Trim is 14.64 x 14.64 x 0.3 in. (372 x 372 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
11. Suitable for both North American and European (metric) ceilings

G. Basis of Design: Model 1042-AP305 as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit for APs and antennas. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). AP mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1042 configuration guide
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box. Trim attaches with torsion spring
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels .75 in. thick or less
7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL-945VA ABS Plastic cover, virtually transparent to wireless signals)
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Maximum weight inside enclosure is 25 lbs.
10. Size: Trim is 14.64 x 14.64 x 0.3 in. (372 x 372 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
11. Suitable for both North American and European (metric) ceilings

H. Basis of Design: Model 1042-AP315 as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit for APs and antennas. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). AP mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1042 configuration guide
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box. Trim attaches with torsion spring
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels .75 in. thick or less
7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL-945VA ABS Plastic cover, virtually transparent to wireless signals)
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Maximum weight inside enclosure is 25 lbs.
10. Size: Trim is 14.64 x 14.64 x 0.3 in. (372 x 372 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
11. Suitable for both North American and European (metric) ceilings

I. Basis of Design: Model 1042-AP325 as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit for APs and antennas. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). AP mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1042 configuration guide
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box. Trim attaches with torsion spring
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1 in. trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels .75 in. thick or less
7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL-945VA ABS Plastic cover, virtually transparent to wireless signals)
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Maximum weight inside enclosure is 25 lbs.

10. Size: Trim is 14.64 x 14.64 x 0.3 in. (372 x 372 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
 11. Suitable for both North American and European (metric) ceilings
- J. Basis of Design: Model 1042-AP335 as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit for APs and antennas. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). AP mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1042 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box. Trim attaches with torsion spring
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in two walls
 6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels .75 in. thick or less
 7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL-945VA ABS Plastic cover, virtually transparent to wireless signals)
 8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 9. Maximum weight inside enclosure is 25 lbs.
 10. Size: Trim is 14.64 x 14.64 x 0.3 in. (372 x 372 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
 11. Suitable for both North American and European (metric) ceilings
- K. Basis of Design: Model 1042-BLANK as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit for APs and antennas. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). AP mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1042 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box. Trim attaches with torsion spring
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in two walls
 6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels .75 in. thick or less
 7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL-945VA ABS Plastic cover, virtually transparent to wireless signals)

8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 9. Maximum weight inside enclosure is 25 lbs.
 10. Size: Trim is 14.64 x 14.64 x 0.3 in. (372 x 372 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
 11. Suitable for both North American and European (metric) ceilings
- L. Basis of Design: Model 1042-CCOAP as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit for APs and antennas. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). AP mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1042 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box. Trim attaches with torsion spring
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in two walls
 6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels .75 in. thick or less
 7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL-945VA ABS Plastic cover, virtually transparent to wireless signals)
 8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 9. Maximum weight inside enclosure is 25 lbs.
 10. Size: Trim is 14.64 x 14.64 x 0.3 in. (372 x 372 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
 11. Suitable for both North American and European (metric) ceilings
- M. Basis of Design: Model 1042-CCOAP3800 as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit for APs and antennas. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). AP mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1042 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box. Trim attaches with torsion spring
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in two walls
 6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels .75 in. thick or less

7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL-945VA ABS Plastic cover, virtually transparent to wireless signals)
 8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 9. Maximum weight inside enclosure is 25 lbs.
 10. Size: Trim is 14.64 x 14.64 x 0.3 in. (372 x 372 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
 11. Suitable for both North American and European (metric) ceilings
- N. Basis of Design: Model 1042-FL as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit for APs and antennas. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). AP mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1042 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box. Trim attaches with torsion spring
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1 in. trade size knockouts in two walls
 6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels .75 in. thick or less
 7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable UL-945VA ABS Plastic cover, virtually transparent to wireless signals)
 8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 9. Maximum weight inside enclosure is 25 lbs.
 10. Size: Trim is 14.64 x 14.64 x 0.3 in. (372 x 372 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
 11. Suitable for both North American and European (metric) ceilings
- O. Basis of Design: Model 1043-ANTMNT as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit designed for APs and antennas. For new drywall, sheetrock, gypsum board hard ceilings and walls (new construction). AP or antenna mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's model 1043 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat 6A cables

5. 1 in. trade size knockouts in two walls
 6. Ceiling/wall bridges secure enclosure into ceiling joists
 7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable, UL 94-5VA ABS Plastic cover)
 8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 9. Maximum weight inside enclosure is 25 lbs.
 10. Size: Trim is 14.67 x 14.67 x 0.3 in. (373 x 373 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
- P. Basis of Design: Model 1043-AP205 as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit designed for APs and antennas. For new drywall, sheetrock, gypsum board hard ceilings and walls (new construction). AP or antenna mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's model 1043 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat 6A cables
 5. 1 in. trade size knockouts in two walls
 6. Ceiling/wall bridges secure enclosure into ceiling joists
 7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable, UL 94-5VA ABS Plastic cover)
 8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 9. Maximum weight inside enclosure is 25 lbs.
 10. Size: Trim is 14.67 x 14.67 x 0.3 in. (373 x 373 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
- Q. Basis of Design: Model 1043-AP215 as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit designed for APs and antennas. For new drywall, sheetrock, gypsum board hard ceilings and walls (new construction). AP or antenna mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's model 1043 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat 6A cables
 5. 1 in. trade size knockouts in two walls

6. Ceiling/wall bridges secure enclosure into ceiling joists
 7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable, UL 94-5VA ABS Plastic cover)
 8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 9. Maximum weight inside enclosure is 25 lbs.
 10. Size: Trim is 14.67 x 14.67 x 0.3 in. (373 x 373 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
- R. Basis of Design: Model 1043-AP225 as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit designed for APs and antennas. For new drywall, sheetrock, gypsum board hard ceilings and walls (new construction). AP or antenna mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's model 1043 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat 6A cables
 5. 1 in. trade size knockouts in two walls
 6. Ceiling/wall bridges secure enclosure into ceiling joists
 7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable, UL 94-5VA ABS Plastic cover)
 8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 9. Maximum weight inside enclosure is 25 lbs.
 10. Size: Trim is 14.67 x 14.67 x 0.3 in. (373 x 373 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
- S. Basis of Design: Model 1043-AP305 as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit designed for APs and antennas. For new drywall, sheetrock, gypsum board hard ceilings and walls (new construction). AP or antenna mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's model 1043 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat 6A cables
 5. 1 in. trade size knockouts in two walls
 6. Ceiling/wall bridges secure enclosure into ceiling joists

7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable, UL 94-5VA ABS Plastic cover)
 8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 9. Maximum weight inside enclosure is 25 lbs.
 10. Size: Trim is 14.67 x 14.67 x 0.3 in. (373 x 373 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
- T. Basis of Design: Model 1043-AP315 as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit designed for APs and antennas. For new drywall, sheetrock, gypsum board hard ceilings and walls (new construction). AP or antenna mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's model 1043 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat 6A cables
 5. 1 in. trade size knockouts in two walls
 6. Ceiling/wall bridges secure enclosure into ceiling joists
 7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable, UL 94-5VA ABS Plastic cover)
 8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
 9. Maximum weight inside enclosure is 25 lbs.
 10. Size: Trim is 14.67 x 14.67 x 0.3 in. (373 x 373 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)
- U. Basis of Design: Model 1043-AP325 as manufactured by Oberon, Inc.
1. Design: Economical, recessed hard ceiling or wall installation kit designed for APs and antennas. For new drywall, sheetrock, gypsum board hard ceilings and walls (new construction). AP or antenna mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's model 1043 configuration guide
 2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
 3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat 6A cables
 5. 1 in. trade size knockouts in two walls
 6. Ceiling/wall bridges secure enclosure into ceiling joists
 7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga.

steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable, UL 94-5VA ABS Plastic cover)

8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Maximum weight inside enclosure is 25 lbs.
10. Size: Trim is 14.67 x 14.67 x 0.3 in. (373 x 373 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)

V. Basis of Design: Model 1043-AP335 as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit designed for APs and antennas. For new drywall, sheetrock, gypsum board hard ceilings and walls (new construction). AP or antenna mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's model 1043 configuration guide
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat 6A cables
5. 1 in. trade size knockouts in two walls
6. Ceiling/wall bridges secure enclosure into ceiling joists
7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable, UL 94-5VA ABS Plastic cover)
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Maximum weight inside enclosure is 25 lbs.
10. Size: Trim is 14.67 x 14.67 x 0.3 in. (373 x 373 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)

W. Basis of Design: Model 1043-BLANK as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit designed for APs and antennas. For new drywall, sheetrock, gypsum board hard ceilings and walls (new construction). AP or antenna mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's model 1043 configuration guide
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat 6A cables
5. 1 in. trade size knockouts in two walls
6. Ceiling/wall bridges secure enclosure into ceiling joists
7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke

and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable, UL 94-5VA ABS Plastic cover)

8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Maximum weight inside enclosure is 25 lbs.
10. Size: Trim is 14.67 x 14.67 x 0.3 in. (373 x 373 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)

X. Basis of Design: Model 1043-CCOAP as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit designed for APs and antennas. For new drywall, sheetrock, gypsum board hard ceilings and walls (new construction). AP or antenna mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's model 1043 configuration guide
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat 6A cables
5. 1 in. trade size knockouts in two walls
6. Ceiling/wall bridges secure enclosure into ceiling joists
7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable, UL 94-5VA ABS Plastic cover)
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Maximum weight inside enclosure is 25 lbs.
10. Size: Trim is 14.67 x 14.67 x 0.3 in. (373 x 373 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)

Y. Basis of Design: Model 1043-CCOAP3800 as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit designed for APs and antennas. For new drywall, sheetrock, gypsum board hard ceilings and walls (new construction). AP or antenna mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's model 1043 configuration guide
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat 6A cables
5. 1 in. trade size knockouts in two walls
6. Ceiling/wall bridges secure enclosure into ceiling joists
7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable, UL 94-

5VA ABS Plastic cover)

8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Maximum weight inside enclosure is 25 lbs.
10. Size: Trim is 14.67 x 14.67 x 0.3 in. (373 x 373 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)

Z. Basis of Design: Model 1043-FL as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit designed for APs and antennas. For new drywall, sheetrock, gypsum board hard ceilings and walls (new construction). AP or antenna mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's model 1043 configuration guide
2. Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
3. AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat 6A cables
5. 1 in. trade size knockouts in two walls
6. Ceiling/wall bridges secure enclosure into ceiling joists
7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable, UL 94-5VA ABS Plastic cover)
8. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
9. Maximum weight inside enclosure is 25 lbs.
10. Size: Trim is 14.67 x 14.67 x 0.3 in. (373 x 373 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)

AA. Basis of Design: Model 1051-00 as manufactured by Oberon, Inc.

1. Design: 4.5 AP enclosure designed for recess installation in hard-lid ceilings (drywall, plaster and lath, stucco, block, core plank, etc.). Internal T-bar accommodates APs from most manufacturers
2. This is a steel enclosure so antennas MUST be mounted externally on the door, or AP mounted in the door. Mount up to (7) external antennas on the door using the bulkhead connector kit for dipole antennas (Oberon P/N 35-BULKHD-KIT) or Oberon 34-ZDUAL or 34-DMDUAL antennas
3. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
4. Enclosure must be fastened to ceiling using suitable hardware
5. Fully hinged locking door, keyed alike. Doors are interchangeable
6. Construction: 16 ga. back-box, 14 ga. door, textured white powder-coated steel
7. Size: Flange is 17.5 x 17.5 in. (445 x 445 mm), enclosure is 12.5 x 12.5 x 4.5 (318 x 318 x 114 mm). 4 in. (101 mm) useful depth with universal T-bar bracket in place
8. Maximum weight to be installed inside enclosure is 25 lbs.

AB. Basis of Design: Model 1051-AP225 as manufactured by Oberon, Inc.

1. Design: 4.5 in. deep AP enclosure designed for recess installation in hard-lid ceilings (drywall, plaster and lath, stucco, block, core plank, etc.). Internal T-bar accommodates APs from most manufacturers
2. This is a steel enclosure so antennas MUST be mounted externally on the door, or AP mounted in the door. Designed for Aruba AP225
3. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
4. Enclosure must be fastened to ceiling using suitable hardware
5. Fully hinged locking door, keyed alike. Doors are interchangeable
6. Construction: 16 ga. back-box, 14 ga. door, textured white powder-coated steel
7. Size: Flange is 17.5 x 17.5 in. (445x 445 mm). Back-box is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm). 4 in. (101 mm) useful depth with universal T-bar bracket in place
8. Maximum weight to be installed inside enclosure is 25 lbs.

AC. Basis of Design: Model 1051-AP325 as manufactured by Oberon, Inc.

1. Design: 4.5 in. deep AP enclosure designed for recess installation in hard-lid ceilings (drywall, plaster and lath, stucco, block, core plank, etc.). Internal T-bar accommodates APs from most manufacturers
2. This is a steel enclosure so antennas MUST be mounted externally on the door, or AP mounted in the door. Designed for Aruba AP325
3. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
4. Enclosure must be fastened to ceiling using suitable hardware
5. Fully hinged locking door, keyed alike. Doors are interchangeable
6. Construction: 16 ga. back-box, 14 ga. door, textured white powder-coated steel
7. Size: Flange is 17.5 x 17.5 in. (445 x 445 mm). Back-box is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm). 4 in. (101 mm) useful depth with universal T-bar bracket in place
8. Maximum weight to be installed inside enclosure is 25 lbs.

AD. Basis of Design: Model 1051-AP335 as manufactured by Oberon, Inc.

1. Design: 4.5 in. deep AP enclosure designed for recess installation in hard-lid ceilings (drywall, plaster and lath, stucco, block, core plank, etc.). Internal T-bar accommodates APs from most manufacturers
2. This is a steel enclosure so antennas MUST be mounted externally on the door, or AP mounted in the door. Designed for Aruba AP335
3. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
4. Enclosure must be fastened to ceiling using suitable hardware
5. Fully hinged locking door, keyed alike. Doors are interchangeable
6. Construction: 16 ga. back-box, 14 ga. door, textured white powder-coated steel
7. Size: Flange is 17.5 x 17.5 in. (445 x 445 mm). Back-box is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm). 4 in. (101 mm) useful depth with universal T-bar bracket in place
8. Maximum weight to be installed inside enclosure is 25 lbs.

AE. Basis of Design: Model 1051-CCOAP as manufactured by Oberon, Inc.

1. Design: 4.5 in. deep AP enclosure designed for recess installation in hard-lid ceilings (drywall, plaster and lath, stucco, block, core plank, etc.). Internal T-bar accommodates APs from most manufacturers
2. This is a steel enclosure so antennas MUST be mounted externally on the door, or AP mounted in the door. Designed for Cisco 2700, 3500, 3600 and 3700 series
3. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
4. Enclosure must be fastened to ceiling using suitable hardware
5. Fully hinged locking door, keyed alike. Doors are interchangeable
6. Construction: 16 ga. back-box, 14 ga. door, textured white powder-coated steel
7. Size: Flange is 17.5 x 17.5 x (445 x 445 mm). Back-box is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm). 4 in. (101 mm) useful depth with universal T-bar bracket in place
8. Maximum weight to be installed inside enclosure is 25 lbs.

AF. Basis of Design: Model 1051-CCOAP3800 as manufactured by Oberon, Inc.

1. Design: 4.5 in. deep AP enclosure designed for recess installation in hard-lid ceilings (drywall, plaster and lath, stucco, block, core plank, etc.). Internal T-bar accommodates APs from most manufacturers
2. This is a steel enclosure so antennas MUST be mounted externally on the door, or AP mounted in the door. Designed for Cisco 2800 and 3800 series
3. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
4. Enclosure must be fastened to ceiling using suitable hardware
5. Fully hinged locking door, keyed alike. Doors are interchangeable
6. Construction: 16 ga. back-box, 14 ga. door, textured white powder-coated steel
7. Size: Flange is 17.5 x 17.5 in. (445 x 445 mm). Back-box is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm). 4 in. (101 mm) useful depth with universal T-bar bracket in place
8. Maximum weight to be installed inside enclosure is 25 lbs.

AG. Basis of Design: Model 1051-DOME as manufactured by Oberon, Inc.

1. Design: Designed for installation in hard-lid ceilings (drywall, plaster, etc.). Specifically designed for Cisco 1242, 1260 and 3500e, and Aruba Networks AP124 and AP70 (use of Aruba 70 AP requires Aruba Networks AP-70-MNT mounting bracket, use of Aruba Networks AP124 requires AP-120-MNT). Internal universal mounting plate accommodates APs from most manufacturers. Antennas may be mounted on the door using optional bulkhead connectors (Oberon P/N 35-BULKHD-KIT) or Oberon 34-ZDUAL antennas. Enclosure shall be supported by the building ceiling structural system, not tile grid work
2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
3. Locking, fully-hinged interchangeable doors for different APs
4. Construction: 16 ga. back-box, 14 ga. door, textured white powder-coated steel. Fully hinged locking door, keyed alike. Doors are interchangeable.
5. Size: Flange is 17.5 x 17.5 in. (445 x 445 mm). Back-box is 12.5 x 12.5 x 4.5 in. (318

x 318 x 114 mm). 4 in. (101 mm) useful depth with universal T-bar bracket in place

AH. Basis of Design: Model 1051-XXX-CCEA as manufactured by Oberon, Inc.

1. Design: 4.5 in. deep AP enclosure designed for recess installation in hard-lid ceilings (drywall, plaster and lath, stucco, block, core plank, etc.). Internal T-bar accommodates APs from most manufacturers
2. This is a steel enclosure so antennas MUST be mounted externally on the door, or AP mounted in the door. Mount up to (7) external antennas on the door using the bulkhead connector kit for dipole antennas (Oberon P/N 35-BULKHD-KIT) or Oberon 34-ZDUAL or 34-DMDUAL antennas
3. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure
4. Enclosure must be fastened to ceiling using suitable hardware
5. Fully hinged locking door, keyed alike. Doors are interchangeable
6. Construction: 16 ga. back-box, 14 ga. door, textured white powder-coated steel
7. CCEA designation indicates this product complies with City of Chicago Environmental Air requirements for installation in the plenum space. Back box has been sealed with 3M Fire Barrier Silicone Sealant 2000+
8. Size: Flange is 17.5 x 17.5 in. (445 x 445 mm). Back-box is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm). 4 in. (101 mm) useful depth with universal T-bar bracket in place
9. Maximum weight to be installed inside enclosure is 25 lbs.

AI. Basis of Design: Model 1076-AP205 as manufactured by Oberon, Inc.

1. Design: recessed hard lid ceiling or wall enclosure designed for APs and wireless multimedia gateways. Designed for pre-existing drywall, sheetrock, gypsum board, plaster and lathe walls or ceiling (remodeling or old construction). Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1076 configuration guide
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. UL listed for AC. line voltage. OSHPD approved OPM-0110-13
3. Locking, fully hinged interchangeable door for migration to other APs. Keyed alike
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. 1 in. trade size knockouts on two walls, junction box knockout in back-box
6. Construction: 16 ga. Galvanized steel back-box, 14 ga. textured white powder coated steel door and flange; back box is effective as a dust barrier for ICRA procedure compliance
7. Model 1076-WA only: Paintable UL-945VA White ABS Plastic dome, virtually transparent to wireless signals
8. Model 1076-CP only: UL 94-5VA clear polycarbonate dome, virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight in enclosure is 25 lbs.
11. Max. Operating temperature of AP should be de-rated by 10°C inside the enclosure
12. Flange is 15 x 15 in. (381 x 381 mm). Back box is 12.75 x 12.75 x 3 in. (324 x 324 x 77 mm)

AJ. Basis of Design: Model 1076-AP215 as manufactured by Oberon, Inc.

1. Design: recessed hard lid ceiling or wall enclosure designed for APs and wireless multimedia gateways. Designed for pre-existing drywall, sheetrock, gypsum board, plaster and lathe walls or ceiling (remodeling or old construction). Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1076 configuration guide
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. UL listed for AC. line voltage. OSHPD approved OPM-0110-13
3. Locking, fully hinged interchangeable door for migration to other APs. Keyed alike
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. 1 in. trade size knockouts on two walls, junction box knockout in back-box
6. Construction: 16 ga. Galvanized steel back-box, 14 ga. textured white powder coated steel door and flange; back box is effective as a dust barrier for ICRA procedure compliance
7. Model 1076-WA only: Paintable UL-945VA White ABS Plastic dome, virtually transparent to wireless signals
8. Model 1076-CP only: UL 94-5VA clear polycarbonate dome, virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight in enclosure is 25 lbs.
11. Max. Operating temperature of AP should be de-rated by 10°C inside the enclosure
12. Flange is 15 x 15 in. (381 x 381 mm). Back box is 12.75 x 12.75 x 3 in. (324 x 324 x 77 mm)

AK. Basis of Design: Model 1076-AP225 as manufactured by Oberon, Inc.

1. Design: recessed hard lid ceiling or wall enclosure designed for APs and wireless multimedia gateways. Designed for pre-existing drywall, sheetrock, gypsum board, plaster and lathe walls or ceiling (remodeling or old construction). Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1076 configuration guide
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. UL listed for AC. line voltage. OSHPD approved OPM-0110-13
3. Locking, fully hinged interchangeable door for migration to other APs. Keyed alike
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. 1 in. trade size knockouts on two walls, junction box knockout in back-box
6. Construction: 16 ga. Galvanized steel back-box, 14 ga. textured white powder coated steel door and flange; back box is effective as a dust barrier for ICRA procedure compliance
7. Model 1076-WA only: Paintable UL-945VA White ABS Plastic dome, virtually transparent to wireless signals
8. Model 1076-CP only: UL 94-5VA clear polycarbonate dome, virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight in enclosure is 25 lbs.
11. Max. Operating temperature of AP should be de-rated by 10°C inside the enclosure

12. Flange is 15 x 15 in. (381 x 381 mm). Back box is 12.75 x 12.75 x 3 in. (324 x 324 x 77 mm)

AL. Basis of Design: Model 1076-AP325 as manufactured by Oberon, Inc.

1. Design: recessed hard lid ceiling or wall enclosure designed for APs and wireless multimedia gateways. Designed for pre-existing drywall, sheetrock, gypsum board, plaster and lathe walls or ceiling (remodeling or old construction). Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1076 configuration guide
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. UL listed for AC. line voltage. OSHPD approved OPM-0110-13
3. Locking, fully hinged interchangeable door for migration to other APs. Keyed alike
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. 1 in. trade size knockouts on two walls, junction box knockout in back-box
6. Construction: 16 ga. Galvanized steel back-box, 14 ga. textured white powder coated steel door and flange; back box is effective as a dust barrier for ICRA procedure compliance
7. Model 1076-WA only: Paintable UL-945VA White ABS Plastic dome, virtually transparent to wireless signals
8. Model 1076-CP only: UL 94-5VA clear polycarbonate dome, virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight in enclosure is 25 lbs.
11. Max. Operating temperature of AP should be de-rated by 10°C inside the enclosure
12. Flange is 15 x 15 in. (381 x 381 mm). Back box is 12.75 x 12.75 x 3 in. (324 x 324 x 77 mm)

AM. Basis of Design: Model 1076-CCOAP as manufactured by Oberon, Inc.

1. Design: recessed hard lid ceiling or wall enclosure designed for APs and wireless multimedia gateways. Designed for pre-existing drywall, sheetrock, gypsum board, plaster and lathe walls or ceiling (remodeling or old construction). Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1076 configuration guide
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. UL listed for AC. line voltage. OSHPD approved OPM-0110-13
3. Locking, fully hinged interchangeable door for migration to other APs. Keyed alike
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. 1 in. trade size knockouts on two walls, junction box knockout in back-box
6. Construction: 16 ga. Galvanized steel back-box, 14 ga. textured white powder coated steel door and flange; back box is effective as a dust barrier for ICRA procedure compliance
7. Model 1076-WA only: Paintable UL-945VA White ABS Plastic dome, virtually transparent to wireless signals
8. Model 1076-CP only: UL 94-5VA clear polycarbonate dome, virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements

10. Maximum weight in enclosure is 25 lbs.
11. Max. Operating temperature of AP should be de-rated by 10°C inside the enclosure
12. Flange is 15 x 15 in. (381 x 381 mm). Back box is 12.75 x 12.75 x 3 in. (324 x 324 x 77 mm)

AN. Basis of Design: Model 1076-CCOAP3800 as manufactured by Oberon, Inc.

1. Design: recessed hard lid ceiling or wall enclosure designed for APs and wireless multimedia gateways. Designed for pre-existing drywall, sheetrock, gypsum board, plaster and lathe walls or ceiling (remodeling or old construction). Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1076 configuration guide
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. UL listed for AC. line voltage. OSHPD approved OPM-0110-13
3. Locking, fully hinged interchangeable door for migration to other APs. Keyed alike
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. 1 in. trade size knockouts on two walls, junction box knockout in back-box
6. Construction: 16 ga. Galvanized steel back-box, 14 ga. textured white powder coated steel door and flange; back box is effective as a dust barrier for ICRA procedure compliance
7. Model 1076-WA only: Paintable UL-945VA White ABS Plastic dome, virtually transparent to wireless signals
8. Model 1076-CP only: UL 94-5VA clear polycarbonate dome, virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight in enclosure is 25 lbs.
11. Max. Operating temperature of AP should be de-rated by 10°C inside the enclosure
12. Flange is 15 x 15 in. (381 x 381 mm). Back box is 12.75 x 12.75 x 3 in. (324 x 324 x 77 mm)

AO. Basis of Design: Model 1076-CP as manufactured by Oberon, Inc.

1. Design: recessed hard lid ceiling or wall enclosure designed for APs and wireless multimedia gateways. Designed for pre-existing drywall, sheetrock, gypsum board, plaster and lathe walls or ceiling (remodeling or old construction). Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1076 configuration guide
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. UL listed for AC. line voltage. OSHPD approved OPM-0110-13
3. Locking, fully hinged interchangeable door for migration to other APs. Keyed alike
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. 1 in. trade size knockouts on two walls, junction box knockout in back-box
6. Construction: 16 ga. Galvanized steel back-box, 14 ga. textured white powder coated steel door and flange; back box is effective as a dust barrier for ICRA procedure compliance
7. Model 1076-WA only: Paintable UL-945VA White ABS Plastic dome, virtually transparent to wireless signals
8. Model 1076-CP only: UL 94-5VA clear polycarbonate dome, virtually transparent to wireless signals

9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight in enclosure is 25 lbs.
11. Max. Operating temperature of AP should be de-rated by 10°C inside the enclosure
12. Flange is 15 x 15 in. (381 x 381 mm). Back box is 12.75 x 12.75 x 3 in. (324 x 324 x 77 mm)

AP. Basis of Design: Model 1076-WA as manufactured by Oberon, Inc.

1. Design: recessed hard lid ceiling or wall enclosure designed for APs and wireless multimedia gateways. Designed for pre-existing drywall, sheetrock, gypsum board, plaster and lathe walls or ceiling (remodeling or old construction). Designed for all leading vendors' APs and antennas, as identified in Oberon's Model 1076 configuration guide
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. UL listed for AC. line voltage. OSHPD approved OPM-0110-13
3. Locking, fully hinged interchangeable door for migration to other APs. Keyed alike
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. 1 in. trade size knockouts on two walls, junction box knockout in back-box
6. Construction: 16 ga. Galvanized steel back-box, 14 ga. textured white powder coated steel door and flange; back box is effective as a dust barrier for ICRA procedure compliance
7. Model 1076-WA only: Paintable UL-945VA White ABS Plastic dome, virtually transparent to wireless signals
8. Model 1076-CP only: UL 94-5VA clear polycarbonate dome, virtually transparent to wireless signals
9. Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
10. Maximum weight in enclosure is 25 lbs.
11. Max. Operating temperature of AP should be de-rated by 10°C inside the enclosure
12. Flange is 15 x 15 in. (381 x 381 mm). Back box is 12.75 x 12.75 x 3 in. (324 x 324 x 77 mm)

2.0.6. WALL AND HARD CEILING - SURFACE MOUNT - RIGHT-ANGLE BRACKETS

A. Basis of Design: Model 1004-00 as manufactured by Oberon, Inc.

1. Design: Wedge shaped right-angle mounting bracket with cover for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Accommodates most vendors' APs
2. Knockouts on two sidewalls for 1 in. trades size conduit connectors
3. Removable cover to conceal cabling
4. Includes adjustable T-bar bracket for attaching most vendors' APs under 2 lbs.
5. Construction: 18 ga. white powder-coated steel
6. Size: 8 x 5 x 4.5 in. (203 x 127 x 114 mm)

B. Basis of Design: Model 1006-AP225 as manufactured by Oberon, Inc.

1. Design: Right-angle mounting bracket for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Designs available for leading AP makes and models (see Styles table)

2. AP is partially recessed into bracket, providing aesthetic appearance
 3. AP can be secured using manufacturer's locking features
 4. Construction: 12 ga. white powder-coated steel
 5. Size: See Styles Table
- C. Basis of Design: Model 1006-AP305 as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Designs available for leading AP makes and models (see Styles table)
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. AP can be secured using manufacturer's locking features
 4. Construction: 12 ga. white powder-coated steel
 5. Size: See Styles Table
- D. Basis of Design: Model 1006-AP315 as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Designs available for leading AP makes and models (see Styles table)
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. AP can be secured using manufacturer's locking features
 4. Construction: 12 ga. white powder-coated steel
 5. Size: See Styles Table
- E. Basis of Design: Model 1006-AP325 as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Designs available for leading AP makes and models (see Styles table)
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. AP can be secured using manufacturer's locking features
 4. Construction: 12 ga. white powder-coated steel
 5. Size: See Styles Table
- F. Basis of Design: Model 1006-AP335 as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Designs available for leading AP makes and models (see Styles table)
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. AP can be secured using manufacturer's locking features
 4. Construction: 12 ga. white powder-coated steel
 5. Size: See Styles Table
- G. Basis of Design: Model 1006-CCOAP as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Designs available for leading AP makes and models (see Styles table)
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. AP can be secured using manufacturer's locking features

4. Construction: 12 ga. white powder-coated steel
 5. Size: See Styles Table
- H. Basis of Design: Model 1006-CCOAP3800 as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Designs available for leading AP makes and models (see Styles table)
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. AP can be secured using manufacturer's locking features
 4. Construction: 12 ga. white powder-coated steel
 5. Size: See Styles Table
- I. Basis of Design: Model 1006-EXT3935 as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Designs available for leading AP makes and models (see Styles table)
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. AP can be secured using manufacturer's locking features
 4. Construction: 12 ga. white powder-coated steel
 5. Size: See Styles Table
- J. Basis of Design: Model 1006-HLA as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Designs available for leading AP makes and models (see Styles table)
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. AP can be secured using manufacturer's locking features
 4. Construction: 12 ga. white powder-coated steel
 5. Size: See Styles Table
- K. Basis of Design: Model 1006-UBI as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Designs available for leading AP makes and models (see Styles table)
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. AP can be secured using manufacturer's locking features
 4. Construction: 12 ga. white powder-coated steel
 5. Size: See Styles Table
- L. Basis of Design: Model 1008-00 as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing APs on walls, and on ceiling joists and beams in open ceilings. Designed to mount the AP in the preferred horizontal orientation. Includes beam clamps and black vanity cover for AP. Accommodates most vendors' APs
 2. Includes adjustable T-bar bracket for attaching most vendors' APs, black beam clamps and hardware
 3. Construction: 10 ga. black powder-coated steel
 4. Includes Oberon Model 33-AP-COVER, attachable, paintable black UL94-5VA ABS

plastic vanity cover, transparent to wireless signal

5. Accommodates APs up to 9 x 9 in.
6. Size: 8.5 x 7 x 3 in. (215 x 178 x 76 mm)

M. Basis of Design: Model 1008-AP-COVER as manufactured by Oberon, Inc.

1. Design: Right-angle mounting bracket for securing APs on walls, and on ceiling joists and beams in open ceilings. Designed to mount the AP in the preferred horizontal orientation. Includes beam clamps and black vanity cover for AP. Accommodates most vendors' AP
2. Includes adjustable T-bar bracket for attaching most vendors' APs, black beam clamps and hardware
3. Construction: 10 ga. black powder-coated steel
4. Includes Oberon Model 33-WAP-COVER, attachable, paintable black UL94-5VA ABS plastic vanity cover, transparent to wireless signal
5. Accommodates APs up to 9 x 9 in.
6. Size: 8.5 x 7 x 3 in. (215 x 178 x 76 mm)

N. Basis of Design: Model 1008-AP3800-COVER as manufactured by Oberon, Inc.

1. Design: Right-angle mounting bracket for securing APs on walls, and on ceiling joists and beams in open ceilings. Designed to mount the AP in the preferred horizontal orientation. Includes beam clamps and black vanity cover for AP. Designed for Cisco 3800 APs
2. Includes adjustable T-bar bracket for attaching most vendors' APs, black beam clamps and hardware
3. Construction: 10 ga. black powder-coated steel
4. Includes Oberon Model 33-AP3800-COVER, attachable, paintable black UL94-5VA ABS plastic vanity cover, transparent to wireless signal
5. Accommodates APs up to 9 x 9 in.
6. Size: 8.5 x 7 x 3 in. (215 x 178 x 76 mm)

O. Basis of Design: Model 1008-HLA-COVER as manufactured by Oberon, Inc.

1. Design: Right-angle mounting bracket for securing APs on walls, and on ceiling joists and beams in open ceilings. Designed to mount the AP in the preferred horizontal orientation. Includes beam clamps and black vanity cover for Cisco AP and HLA antenna
2. Includes adjustable T-bar bracket for attaching most vendors' APs, black beam clamps and hardware, and Oberon 39-HLA-PLATE for HLA antenna
3. Construction: 10 ga. black powder-coated steel
4. Includes Oberon Model 33-HLA-COVER, attachable, paintable black UL94-5VA ABS plastic vanity cover, transparent to wireless signal
5. Size: 8.5 x 7 x 3 in. (215 x 178 x 76 mm)

P. Basis of Design: Model 1008-MR-COVER as manufactured by Oberon, Inc.

1. Design: Right-angle mounting bracket for securing APs on walls, and on ceiling joists and beams in open ceilings. Designed to mount the AP in the preferred horizontal orientation. Includes beam clamps and black vanity cover for Meraki MR32,34, 42, and other APs
2. Includes adjustable T-bar bracket for attaching most vendors' APs, black beam clamps and hardware

3. Construction: 10 ga. black powder-coated steel
 4. Includes Oberon Model 33-MR-COVER, attachable, paintable black UL94-5VA ABS plastic vanity cover, transparent to wireless signal
 5. Size: 8.5 x 7 x 3 in. (215 x 178 x 76 mm)
- Q. Basis of Design: Model 1009-00 as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Accommodates most vendors' APs
 2. Includes adjustable T-bar bracket for attaching most vendors' APs
 3. Construction: 10 ga. white powder-coated steel
 4. Accommodates APs up to 9 x 9 in.
 5. Size: 8.5 x 7 x 3 in. (215 x 178 x 76 mm)
- R. Basis of Design: Model 1010-00 as manufactured by Oberon, Inc.
1. Design: Wedge shaped right-angle mounting bracket for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Accommodates most vendors' APs
 2. Knockouts on two sidewalls for 1 in. trades size conduit connectors
 3. Includes adjustable T-bar bracket for attaching most vendors' APs
 4. Construction: 20 ga. white powder-coated steel
 5. Size: 9 x 7 x 5 in. (229 x 178 x 127 mm)
- S. Basis of Design: Model 1011-00 as manufactured by Oberon, Inc.
1. Design: Wedge shaped right-angle mounting bracket with cover for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Accommodates most vendors' APs
 2. Knockouts on two sidewalls for 1 in. trades size conduit connectors
 3. Hinged cover to conceal cabling
 4. Includes adjustable T-bar bracket for attaching most vendors' APs
 5. Construction: 20 ga. white powder-coated steel
 6. Size: 9 x 7 x 5 in. (229 x 178 x 127 mm)
- T. Basis of Design: Model 1012-00 as manufactured by Oberon, Inc.
1. Design: Locking, Wedge shaped right-angle mounting bracket with cover for securing APs on walls. Designed to mount the AP in the preferred horizontal orientation. Designed for Cisco and Aruba APs
 2. Knockouts on two sidewalls for 1 in. trades size conduit connectors
 3. Locking, hinged cover to conceal cabling, keyed alike
 4. Includes receiver plate for different vendors' APs
 5. Construction: 18 ga. white powder-coated steel
 6. Size: 9 x 7 x 5 in. (229 x 178 x 127 mm)
- U. Basis of Design: Model 1015-00-PLATE as manufactured by Oberon, Inc.
1. Design: AP enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate APs with integrated or non-detachable antennas from most vendors.
 2. Performance: Ventilated, paintable, impact-resistant ABS plastic enclosure is

virtually transparent to wireless signals

3. Oberon Skybar-shaped, locking, fully-hinged door, keyed alike
4. Universal T-bar for most vendors' APs
5. Opening in back allows for placement directly over outlet
6. Twistouts in sidewalls for conduit or raceway
7. Construction: UL 94-HB Classified ABS; textured white body and door
8. AP max. operating temperature should be de-rated by 9° C inside the enclosure
9. Size: 11.1 x 11.1 x 4.4 in. (282 x 282 x 112 mm)

V. Basis of Design: Model 1015-00-RAB as manufactured by Oberon, Inc.

1. Design: AP non-metallic lock-box with right angle bracket. Designed to secure APs with integrated or non-detachable antennas
2. Performance: Ventilated, paintable, impact resistant ABS plastic enclosure is virtually transparent to wireless signals. Steel right angle bracket mounts AP in preferred horizontal orientation
3. Oberon Skybar shaped locking, fully hinged door, keyed alike
4. Universal T-bar for most vendors' APs, mounting features for Cisco APs
5. Twist outs in sidewalls for conduit or jack modules
6. Construction: UL 94-HB Classified ABS plastic. Box and door are white. White powder coated 10 ga. steel right angle bracket
7. Size: 12.2 x 11.1 x 4.5 in. (310 x 282 x 115 mm)

W. Basis of Design: Model 1015-C-RAB as manufactured by Oberon, Inc.

1. Design: AP non-metallic lock-box with right angle bracket. Designed to secure APs with integrated or non-detachable antennas
2. Performance: Ventilated, paintable, impact resistant ABS plastic enclosure is virtually transparent to wireless signals. Steel right angle bracket mounts AP in preferred horizontal orientation
3. Oberon Skybar shaped locking, fully hinged door, keyed alike
4. Universal T-bar for most vendors' APs, mounting features for Cisco APs
5. Twist-outs in sidewalls for conduit or jack modules
6. Construction: UL 94-HB Classified ABS plastic. Box is white, door is frosted, translucent. White powder coated 10 ga. steel right angle bracket
7. Size: 12.2 x 11.1 x 4.5 in. (310 x 282 x 115 mm)

2.0.7. WALL AND HARD CEILING - SURFACE MOUNT - SURFACE MOUNT - ENCLOSURES

A. Basis of Design: Model 1013-00 as manufactured by Oberon, Inc.

1. Design: 2-Axis articulating mount for securing APs and directional antennas on walls. Designed to allow directional antenna to articulate in both azimuth and elevation. Works with most vendors' APs and antennas
2. Performance: +/- 45° antenna pointing, up and down, right and left
3. Includes T-bar bracket for attaching most vendors' APs
4. Includes universal antenna mounting plate
5. Construction: 14 ga. white powder-coated steel
6. Size: 9 x 11 x 6.25 in. (229 x 280 x 159 mm)

- B. Basis of Design: Model 1013-COVER as manufactured by Oberon, Inc.
1. Design: 2-Axis articulating mount for securing APs and directional antennas on walls. Designed to allow directional antenna to articulate in both azimuth and elevation. Works with most vendors' APs and antennas. With vanity cover to conceal AP and antenna
 2. Performance: articulating antenna plate enables +/- 45° antenna pointing, up and down, right and left. Vanity cover is transparent to wireless signal
 3. Includes T-bar bracket for attaching most vendors' APs
 4. Construction: 14 ga. white powder-coated steel
 5. Includes attachable, paintable, white UL94-5VA ABS plastic vanity cover,
 6. Size: 9 x 11 x 6.25 in. (229 x 280 x 159 mm)
 7. Vanity cover size: 11.5 x 10.25 x 7.25 in. (292 x 260 x 184 mm)
- C. Basis of Design: Model 1014-00 as manufactured by Oberon, Inc.
1. Design: 1 Axis articulating mount for securing APs and directional antennas on walls. Designed to allow directional antenna to articulate in elevation. Works with most vendors' APs and antennas. With vanity cover to conceal AP and antenna
 2. Performance: articulating antenna plate enables +/- 45° antenna pointing, up and down. Vanity cover is transparent to wireless signal
 3. Includes T-bar bracket for attaching most vendors' APs
 4. Construction: 16 ga. galvanized steel
 5. Includes Oberon model 33-ANT-COVER attachable, paintable, white UL94-5VA ABS plastic vanity cover. Vanity cover should be sealed and painted in outdoor environments
 6. Size: 10.8 x 8 x 4.4 in. (274 x 203 x 114 mm)
 7. Vanity Cover size: 11.3 x 10.1 x 7.6 in. (287 x 257 x 195 mm)
- D. Basis of Design: Model 1015-00 as manufactured by Oberon, Inc.
1. Design: AP enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate APs with integrated or non-detachable antennas
 2. Performance: Ventilated, paintable, impact resistant ABS plastic enclosure is virtually transparent to wireless signals
 3. Oberon Skybar shaped, locking, fully hinged door, keyed alike
 4. Universal T-bar for most vendors' APs, mounting features for Cisco APs
 5. Opening in back allows for placement directly over outlet
 6. Twist outs in sidewalls for conduit or raceway
 7. Construction: UL 94-HB Classified ABS plastic. Textured white body and door
 8. Size: 11.1 x 11.1 x 4.4 in. (282 x 282 x 112 mm)
- E. Basis of Design: Model 1015-C as manufactured by Oberon, Inc.
1. Design: AP enclosure with translucent, frosted door, designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate APs with integrated or non-detachable antennas
 2. Performance: Ventilated, paintable, impact resistant ABS plastic enclosure is virtually transparent to wireless signals
 3. Oberon Skybar shaped locking, fully hinged door, keyed alike
 4. Universal T-bar for most vendors' APs, mounting features for Cisco APs

5. Opening in back allows for placement directly over outlet
 6. Twist outs in sidewalls for conduit or raceway
 7. Construction: UL 94-HB Classified ABS plastic. Box is white, door is translucent, frosted
 8. Size: 11.1 x 11.1 x 4.4 in. (282 x 282 x 112 mm)
- F. Basis of Design: Model 1016-00 as manufactured by Oberon, Inc.
1. Design: AP enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate APs with integrated or non-detachable antennas and external antennas
 2. Performance: Ventilated, paintable, impact resistant polycarbonate plastic enclosure is virtually transparent to wireless signals
 3. Oberon Skybar shaped locking, fully hinged door, keyed alike
 4. Universal T-bar for most vendors APs
 5. Opening in back allows for placement directly over outlet
 6. Twist outs in sidewalls for conduit or raceway
 7. Construction: UL 94-V0 Classified polycarbonate. Textured white body and door
 8. Size: 12 x 18 x 5.15 in. (305 x 457 x 131 mm)
- G. Basis of Design: Model 1016-ANTPLATE as manufactured by Oberon, Inc.
1. Design: AP enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate APs with external directional antennas
 2. Performance: Ventilated, paintable, impact resistant polycarbonate plastic enclosure is virtually transparent to wireless signals
 3. Oberon Skybar shaped locking, fully hinged door, keyed alike
 4. AP mounting plate with universal T-bar and articulating antenna bracket for most vendors APs
 5. Opening in back allows for placement directly over outlet
 6. Twist outs in sidewalls for conduit or raceway
 7. Construction: UL 94-V0 Classified polycarbonate. Textured white body and door. 20 Ga. galvanized steel mounting plate
 8. Size: 12 x 18 x 5.15 in. (305 x 457 x 131 mm)
- H. Basis of Design: Model 1016-C as manufactured by Oberon, Inc.
1. Design: AP enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate APs with integrated or non-detachable antennas and external antennas
 2. Performance: Ventilated, paintable, impact resistant polycarbonate plastic enclosure is virtually transparent to wireless signals
 3. Oberon Skybar shaped locking, fully hinged door, keyed alike
 4. Universal T-bar for most vendors APs
 5. Opening in back allows for placement directly over outlet
 6. Twist outs in sidewalls for conduit or raceway
 7. Construction: UL 94-V0 Classified polycarbonate. Body is white, door is translucent, frosted
 8. Size: 12 x 18 x 5.15 in. (305 x 457 x 131 mm)

- I. Basis of Design: Model 1017-BL as manufactured by Oberon, Inc.
 1. Design: AP enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate smaller wall mount APs with integrated or non-detachable antennas such as Cisco 702W, 1810W, or Aruba 205H APs
 2. Performance: Ventilated, paintable, impact resistant ABS plastic enclosure is virtually transparent to wireless signals
 3. Screw on cover with tamper resistant (torx) screws
 4. Internal universal AP standoff bracket for surface mounting applications without outlet in the wall
 5. Construction: UL94-5VA classified ABS plastic. Black body and cover
 6. External size: 6 x 10.1 x 3.15 in. (152 x 256 x 80 mm). Available internal dimensions 5.78 x 9.75 x 2.91 in. (147 x 248 x 69 mm)

- J. Basis of Design: Model 1017-WH as manufactured by Oberon, Inc.
 1. Design: AP enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate smaller wall mount APs with integrated or non-detachable antennas, such as Cisco 702W or Aruba 205H APs
 2. Performance: Ventilated, impact resistant ABS plastic enclosure is virtually transparent to wireless signals
 3. Screw on cover with tamper resistant (torx) screws
 4. Internal universal AP standoff bracket for surface mounting applications without outlet in the wall
 5. Construction: UL94-5VA classified ABS plastic, Beige body and cover
 6. External size: 6 x 10.1 x 3.15 in. (152 x 256 x 80 mm). available internal dimensions 5.78 x 9.75 x 2.91 in. (147 x 248 x 69 mm)

- K. Basis of Design: Model 1018-14 as manufactured by Oberon, Inc.
 1. Design: Round AP enclosure designed to be surface mounted on hard-lid ceilings or walls. Resembles a common lighting luminaire. Designed to accommodate APs with integrated or non-detachable antennas. Large enough for Cisco 2800/3800 APs and other larger APs
 2. Performance: UV stabilized, impact resistant, polycarbonate enclosure suitable for indoor and outdoor use. Virtually transparent to wireless signals
 3. Cover is hinged
 4. Attachable "Wi-Fi" symbol decal
 5. Internal universal T-bar bracket and Cisco mounting plate
 6. Construction: White polycarbonate plastic body and cover. Cover is translucent, such that AP status LEDs are visible
 7. AP maximum operating temperature should be de-rated by 7° C when mounted in enclosure
 8. External size: 14.0 x 5.0 in. (356 x 127 mm)

- L. Basis of Design: Model 1018-WH as manufactured by Oberon, Inc.
 1. Design: Round AP enclosure designed to be surface mounted on hard-lid ceilings or walls. Resembles a common lighting luminaire. Designed to accommodate APs with integrated or non-detachable antennas. Large enough for Cisco 3500/3600 APs, NOT large enough for Cisco 2800/3800 APs
 2. Performance: UV stabilized, impact resistant, polycarbonate enclosure suitable for

indoor and outdoor use. Virtually transparent to wireless signals

3. Screw on cover with gasket and screw gaskets
4. four conduit drill points around exterior
5. Attachable "Wi-Fi" symbol decal
6. Internal universal T-bar bracket and Cisco mounting plate
7. Construction: White polycarbonate plastic body and cover. Cover is translucent, such that AP status LEDs are visible
8. AP maximum operating temperature should be de-rated by 7° C when mounted in enclosure
9. External size: 11.9 x 4 in. (302 x 100 mm)

M. Basis of Design: Model 1030-00 as manufactured by Oberon, Inc.

1. Design: AP enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate APs with integrated or non-detachable antennas. Plastic dome in door
2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for air handling space installations. Dome is transparent to wireless signals
3. Fully hinged locking door, keyed alike
4. Construction: 16 ga. back-box, 14 ga. door frame, powder-coated steel; impact-resistant dome is UL 94-5VA classified ABS plastic
5. Size: 17 x 17 x 3.5 in. (432 x 432 x 89 mm) (total depth), the dome is 12 x 12 x 2 in. (305 x 305 x 51 mm)

N. Basis of Design: Model 900-00-BK as manufactured by Oberon, Inc.

1. Design: Surface mount box for APs. Designed to mount AP directly over wall outlet or anywhere on ceiling or wall with cable fed through, or surface raceway or conduit. Facilitates structured cabling compliant termination of horizontal cable inside box, and connecting patch cord to AP
2. Low-profile 2-part construction. Base fastens to wall, AP fastens to cover. Cover slides onto base and fastens
3. Available in White, Black, and with Oberon ABS plastic vanity cover as identified in Oberon Model 900 Configuration guide
4. Kensington lock slot to protect AP and cabling
5. Knockouts: (2) ¾ in. trade conduit, (2) Keystone jack module, (1) TIA 569-B compliant furniture faceplate for 2 jack modules
6. Construction: 20 ga. powder-coated steel. (SKUs with vanity cover only: Paintable, UL 94-5VA black ABS plastic cover, virtually transparent to wireless signals)
7. Size: 6.31 x 6.20 x 2.05 in. (160.274 x 157.48 x 52.07 mm)

O. Basis of Design: Model 900-00-BK-AP-COVER as manufactured by Oberon, Inc.

1. Design: Surface mount box for APs. Designed to mount AP directly over wall outlet or anywhere on ceiling or wall with cable fed through, or surface raceway or conduit. Facilitates structured cabling compliant termination of horizontal cable inside box, and connecting patch cord to AP
2. Low-profile 2-part construction. Base fastens to wall, AP fastens to cover. Cover slides onto base and fastens
3. Available in White, Black, and with Oberon ABS plastic vanity cover as identified in Oberon Model 900 Configuration guide

4. Kensington lock slot to protect AP and cabling
 5. Knockouts: (2) ¾ in. trade conduit, (2) Keystone jack module, (1) TIA 569-B compliant furniture faceplate for 2 jack modules
 6. Construction: 20 ga. powder-coated steel. (SKUs with vanity cover only: Paintable, UL 94-5VA black ABS plastic cover, virtually transparent to wireless signals)
 7. Size: 6.31 x 6.20 x 2.05 in. (160.274 x 157.48 x 52.07 mm)
- P. Basis of Design: Model 900-00-BK-AP3800-COVER as manufactured by Oberon, Inc.
1. Design: Surface mount box for APs. Designed to mount AP directly over wall outlet or anywhere on ceiling or wall with cable fed through, or surface raceway or conduit. Facilitates structured cabling compliant termination of horizontal cable inside box, and connecting patch cord to AP
 2. Low-profile 2-part construction. Base fastens to wall, AP fastens to cover. Cover slides onto base and fastens
 3. Available in White, Black, and with Oberon ABS plastic vanity cover as identified in Oberon Model 900 Configuration guide
 4. Kensington lock slot to protect AP and cabling
 5. Knockouts: (2) ¾ in. trade conduit, (2) Keystone jack module, (1) TIA 569-B compliant furniture faceplate for 2 jack modules
 6. Construction: 20 ga. powder-coated steel. (SKUs with vanity cover only: Paintable, UL 94-5VA black ABS plastic cover, virtually transparent to wireless signals)
 7. Size: 6.31 x 6.20 x 2.05 in. (160.274 x 157.48 x 52.07 mm)
- Q. Basis of Design: Model 900-00-BK-HLA-COVER as manufactured by Oberon, Inc.
1. Design: Surface mount box for APs. Designed to mount AP directly over wall outlet or anywhere on ceiling or wall with cable fed through, or surface raceway or conduit. Facilitates structured cabling compliant termination of horizontal cable inside box, and connecting patch cord to AP
 2. Low-profile 2-part construction. Base fastens to wall, AP fastens to cover. Cover slides onto base and fastens
 3. Available in White, Black, and with Oberon ABS plastic vanity cover as identified in Oberon Model 900 Configuration guide
 4. Kensington lock slot to protect AP and cabling
 5. Knockouts: (2) ¾ in. trade conduit, (2) Keystone jack module, (1) TIA 569-B compliant furniture faceplate for 2 jack modules
 6. Construction: 20 ga. powder-coated steel. (SKUs with vanity cover only: Paintable, UL 94-5VA black ABS plastic cover, virtually transparent to wireless signals)
 7. Size: 6.31 x 6.20 x 2.05 in. (160.274 x 157.48 x 52.07 mm)
- R. Basis of Design: Model 900-00-WH as manufactured by Oberon, Inc.
1. Design: Surface mount box for APs. Designed to mount AP directly over wall outlet or anywhere on ceiling or wall with cable fed through, or surface raceway or conduit. Facilitates structured cabling compliant termination of horizontal cable inside box, and connecting patch cord to AP
 2. Low-profile 2-part construction. Base fastens to wall, AP fastens to cover. Cover slides onto base and fastens
 3. Available in White, Black, and with Oberon ABS plastic vanity cover as identified in Oberon Model 900 Configuration guide

4. Kensington lock slot to protect AP and cabling
 5. Knockouts: (2) ¾ in. trade conduit, (2) Keystone jack module, (1) TIA 569-B compliant furniture faceplate for 2 jack modules
 6. Construction: 20 ga. powder-coated steel. (SKUs with vanity cover only: Paintable, UL 94-5VA black ABS plastic cover, virtually transparent to wireless signals)
 7. Size: 6.31 x 6.20 x 2.05 in. (160.274 x 157.48 x 52.07 mm)
- S. Basis of Design: Model 900-HC-BK as manufactured by Oberon, Inc.
1. Design: Hanging conduit or pendant mount box for APs. Designed to mount AP directly to conduit hanging from ceiling. Facilitates structured cabling compliant termination of horizontal cable inside box, and connecting patch cord to AP
 2. Low-profile hinged construction. Base fastens to conduit, AP fastens to cover. Cover snaps closed on base. No lose hardware
 3. Available in White, Black, and with Oberon ABS plastic vanity cover as identified in Oberon Model 900 Configuration guide
 4. Kensington lock slot to protect AP and cabling
 5. Knockouts: (1) 1 in. trade conduit knockout for hanging conduit, (2) ¾ in. trade conduit, (2) ½ in. trade conduit, (2) Keystone jack module, (1) TIA 569-B compliant furniture faceplate for 2 jack modules
 6. Construction: 20 ga. powder-coated steel (SKUs with vanity cover only: Paintable, UL 94-5VA black ABS plastic cover, virtually transparent to wireless signals)
 7. Size: 6.25 x 6.25 x 2.0 in. (159 x 159 x 51 mm)
- T. Basis of Design: Model 900-HC-BK-AP-COVER as manufactured by Oberon, Inc.
1. Design: Hanging conduit or pendant mount box for APs. Designed to mount AP directly to conduit hanging from ceiling. Facilitates structured cabling compliant termination of horizontal cable inside box, and connecting patch cord to AP
 2. Low-profile hinged construction. Base fastens to conduit, AP fastens to cover. Cover snaps closed on base. No lose hardware
 3. Available in White, Black, and with Oberon ABS plastic vanity cover as identified in Oberon Model 900 Configuration guide
 4. Kensington lock slot to protect AP and cabling
 5. Knockouts: (1) 1 in. trade conduit knockout for hanging conduit, (2) ¾ in. trade conduit, (2) ½ in. trade conduit, (2) Keystone jack module, (1) TIA 569-B compliant furniture faceplate for 2 jack modules
 6. Construction: 20 ga. powder-coated steel (SKUs with vanity cover only: Paintable, UL 94-5VA black ABS plastic cover, virtually transparent to wireless signals)
 7. Size: 6.25 x 6.25 x 2.0 in. (159 x 159 x 51 mm)
- U. Basis of Design: Model 900-HC-BK-AP3800-COVER as manufactured by Oberon, Inc.
1. Design: Hanging conduit or pendant mount box for APs. Designed to mount AP directly to conduit hanging from ceiling. Facilitates structured cabling compliant termination of horizontal cable inside box, and connecting patch cord to AP
 2. Low-profile hinged construction. Base fastens to conduit, AP fastens to cover. Cover snaps closed on base. No lose hardware
 3. Available in White, Black, and with Oberon ABS plastic vanity cover as identified in Oberon Model 900 Configuration guide
 4. Kensington lock slot to protect AP and cabling

5. Knockouts: (1) 1 in. trade conduit knockout for hanging conduit, (2) 3/4 in. trade conduit, (2) 1/2 in. trade conduit, (2) Keystone jack module, (1) TIA 569-B compliant furniture faceplate for 2 jack modules
 6. Construction: 20 ga. powder-coated steel (SKUs with vanity cover only: Paintable, UL 94-5VA black ABS plastic cover, virtually transparent to wireless signals)
 7. Size: 6.25 x 6.25 x 2.0 in. (159 x 159 x 51 mm)
- V. Basis of Design: Model 900-HC-BK-HLA-COVER as manufactured by Oberon, Inc.
1. Design: Hanging conduit or pendant mount box for APs. Designed to mount AP directly to conduit hanging from ceiling. Facilitates structured cabling compliant termination of horizontal cable inside box, and connecting patch cord to AP
 2. Low-profile hinged construction. Base fastens to conduit, AP fastens to cover. Cover snaps closed on base. No lose hardware
 3. Available in White, Black, and with Oberon ABS plastic vanity cover as identified in Oberon Model 900 Configuration guide
 4. Kensington lock slot to protect AP and cabling
 5. Knockouts: (1) 1 in. trade conduit knockout for hanging conduit, (2) 3/4 in. trade conduit, (2) 1/2 in. trade conduit, (2) Keystone jack module, (1) TIA 569-B compliant furniture faceplate for 2 jack modules
 6. Construction: 20 ga. powder-coated steel (SKUs with vanity cover only: Paintable, UL 94-5VA black ABS plastic cover, virtually transparent to wireless signals)
 7. Size: 6.25 x 6.25 x 2.0 in. (159 x 159 x 51 mm)
- W. Basis of Design: Model 900-HC-BK-MR-COVER as manufactured by Oberon, Inc.
1. Design: Hanging conduit or pendant mount box for APs. Designed to mount AP directly to conduit hanging from ceiling. Facilitates structured cabling compliant termination of horizontal cable inside box, and connecting patch cord to AP
 2. Low-profile hinged construction. Base fastens to conduit, AP fastens to cover. Cover snaps closed on base. No lose hardware
 3. Available in White, Black, and with Oberon ABS plastic vanity cover as identified in Oberon Model 900 Configuration guide
 4. Kensington lock slot to protect AP and cabling
 5. Knockouts: (1) 1 in. trade conduit knockout for hanging conduit, (2) 3/4 in. trade conduit, (2) 1/2 in. trade conduit, (2) Keystone jack module, (1) TIA 569-B compliant furniture faceplate for 2 jack modules
 6. Construction: 20 ga. powder-coated steel (SKUs with vanity cover only: Paintable, UL 94-5VA black ABS plastic cover, virtually transparent to wireless signals)
 7. Size: 6.25 x 6.25 x 2.0 in. (159 x 159 x 51 mm)
- X. Basis of Design: Model 900-HC-WH as manufactured by Oberon, Inc.
1. Design: Hanging conduit or pendant mount box for APs. Designed to mount AP directly to conduit hanging from ceiling. Facilitates structured cabling compliant termination of horizontal cable inside box, and connecting patch cord to AP
 2. Low-profile hinged construction. Base fastens to conduit, AP fastens to cover. Cover snaps closed on base. No lose hardware
 3. Available in White, Black, and with Oberon ABS plastic vanity cover as identified in Oberon Model 900 Configuration guide
 4. Kensington lock slot to protect AP and cabling

5. Knockouts: (1) 1 in. trade conduit knockout for hanging conduit, (2) 3/4 in. trade conduit, (2) 1/2 in. trade conduit, (2) Keystone jack module, (1) TIA 569-B compliant furniture faceplate for 2 jack modules
 6. Construction: 20 ga. powder-coated steel (SKUs with vanity cover only: Paintable, UL 94-5VA black ABS plastic cover, virtually transparent to wireless signals)
 7. Size: 6.25 x 6.25 x 2.0 in. (159 x 159 x 51 mm)
- Y. Basis of Design: Model 910-00 as manufactured by Oberon, Inc.
1. Design: Universal mounting solution for APs and external antennas. Designed to mount Cisco, Aruba and other vendors APs in warehouses and other open ceiling venues
 2. Facilitates standards compliant termination of horizontal cabling, and connecting short equipment cord to AP
 3. Construction: 20 ga. white powder coated aluminum
 4. Size:

2.0.8. WIFI AND DAS ANTENNAS

- A. Basis of Design: Model 34-BMANT24 as manufactured by Oberon, Inc.
1. Antenna Pattern: Omnidirectional
 2. Frequency Range: 750-2700 MHz
 3. Gain: 2.5 dBi; 5 dBi with ground plane
 4. VSWR: 2:1
 5. Connector: RPTNC
 6. Cable: 12 in.
 7. Size: Height 3 in.; Diameter 1.75 in.
- B. Basis of Design: Model 34-BMANT5 as manufactured by Oberon, Inc.
1. Antenna Pattern: Omnidirectional
 2. Frequency Range: 5150-5830 MHz
 3. Gain: 2.5 dBi; 5 dBi with ground plane
 4. VSWR: 2:1
 5. Connector: RPTNC
 6. Cable: 12 in.
 7. Size: Height 3 in.; Diameter 1.75 in.
- C. Basis of Design: Model 34-DMDUAL as manufactured by Oberon, Inc.
1. Antenna Pattern: Omnidirectional
 2. Frequency Range: 2400-2485 MHz 5150-5830 MHz
 3. Gain: 2.5 dBi; 4 dBi with ground plane
 4. VSWR: 2:1
 5. Connector: RPTNC
 6. Cable: 18 in.
 7. Size: Height 1.5 in.; Diameter 3 in.
- D. Basis of Design: Model 34-ZDUAL as manufactured by Oberon, Inc.
1. Antenna Pattern: Omnidirectional

2. Frequency Range: 2400-2500 MHz 4900-5825 MHz
3. Gain: 4 dBi
4. VSWR: 2:1
5. Connector: RPTNC or RPSMA
6. Cable: 16 in. Plenum Rated RG58/U Type CL2P
7. Size: Height 1.75 in.; Diameter 1.63 in.

3.0 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. Inspect and prepare substrates using the methods recommended by the manufacturer for achieving best result for the substrates under project conditions. Clean surfaces thoroughly prior to installation.
- B. Do not proceed with installation until substrates have been prepared using the methods recommended by the manufacturer and deviations from manufacturer's recommended tolerances are corrected. Commencement of installation constitutes acceptance of conditions.
- C. If preparation is the responsibility of another installer, notify Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.

3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions and in proper relationship with adjacent materials. Test units for proper operation.

END OF SECTION 27 21 33