



SECTION 27 21 33

WIRELESS ACCESS POINT MOUNTING SOLUTIONS AND ENCLOSURES

Display hidden notes to specifier. (Don't know how? [Click Here](#))

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. SURFACE MOUNTED WIRELESS ACCESS POINT MOUNTS AND RIGHT ANGLE BRACKETS
- B. SURFACE MOUNTED WIRELESS ACCESS POINT ENCLOSURES AND MOUNTING SOLUTIONS
- C. INDOOR AND OUTDOOR NEMA 4 WIRELESS ACCESS POINT ENCLOSURES
- D. PLENUM RATED CEILING ACCESS POINT MOUNTING SOLUTIONS
- E. PLENUM-RATED SUSPENDED CEILING WIRELESS ACCESS POINT ENCLOSURES
- F. PLENUM-RATED, RECESSED, HARD CEILING AND WALL WIRELESS ACCESS POINT ENCLOSURES AND MOUNTING SOLUTIONS.
- G. MULTIMEDIA AND SWITCH ENCLOSURES
- H. ACCESS POINT AND ANTENNA VANITY COVERS.

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.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Oberon, Inc., which is located at: 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 \(sales@oberoninc.com\)](mailto: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.

2.2 SURFACE MOUNTED WIRELESS ACCESS POINT MOUNTS AND RIGHT ANGLE BRACKETS

- D. Basis of Design: Model 900-00 as manufactured by Oberon, Inc.
 1. Design: Surface mount box for wireless access points. Designed to mount AP directly over wall outlet or anywhere on ceiling or wall with cable fed through surface raceway or conduit. Facilitates standards compliant termination of horizontal cable inside box, and connecting short equipment cord to AP.
 2. Low-profile 2-part construction. Base fastens to wall, AP fastens to cover. Cover slides onto base and fastens. Tamper-resistant hardware available
 3. Knockouts on 2 sidewalls for cable egress
 4. Construction: 20 ga. white powder-coated steel
 5. Size: 6.31 inches by 6.20 inches by 2.05 inches (160.274mm by 157.48mm by 52.07mm)
- E. Basis of Design: Model 900-HC as manufactured by Oberon, Inc.
 1. Design: Hanging conduit or pendant mount box for wireless access points. Designed to mount Cisco or Aruba AP directly to conduit hanging from ceiling. Facilitates standards compliant termination of horizontal cable inside box, and connecting short equipment cord to AP.
 2. Low-profile, hinged box. Base fastens to conduit, AP fastens to cover.
 3. Knockouts on 2 sidewalls for cable egress
 4. Construction: 20 ga. white powder-coated steel
 5. Size: 6.26 inches by 6.20 inches by 2.02 inches (159.004mm by 157.48mm by 51.308mm)

- F. Basis of Design: Model 1004-00 as manufactured by Oberon, Inc.
1. Design: Wedge shaped right-angle mounting bracket with cover for securing wireless access points on walls. Designed to mount the access point in the preferred horizontal orientation. Accommodates most vendors' access points.
 2. Knockouts on two sidewalls for 1" trades size conduit connectors
 3. Removable cover to conceal cabling
 4. Includes adjustable T-bar bracket for attaching most vendor's APs under 2 lbs.
 5. Construction: 18 ga. white powder-coated steel.
 6. Size: 8 inches by 5 inches by 4.5 inches (203 mm by 127 mm by 114 mm).
- G. Basis of Design: Model 1006-AP225 as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing wireless access points on walls. Designed to mount the access point in the preferred horizontal orientation. For Aruba AP225
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. Construction: 12 ga. white powder-coated steel.
 4. Size: 10.25 inches by 10.5 inches by 2.5 inches (260mm by 260mm by 64mm).
- H. Basis of Design: Model 1006-AP325 as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing wireless access points on walls. Designed to mount the access point in the preferred horizontal orientation. For Aruba AP325
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. Construction: 12 ga. white powder-coated steel.
 4. Size: 10.25 inches by 10.5 inches by 2.5 inches (260mm by 260mm by 64mm).
- I. Basis of Design: Model 1006-AP335 as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing wireless access points on walls. Designed to mount the access point in the preferred horizontal orientation. For Aruba AP335
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. Construction: 12 ga. white powder-coated steel.
 4. Size: 11.00 inches by 11.61 inches by 2.5 inches (280mm by 295mm by 64mm).
- J. Basis of Design: Model 1006-CCOAP as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing wireless access points on walls. Designed to mount the access point in the preferred horizontal orientation. For Cisco 2700, 3600, 3700 APs
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. For Cisco APs, use AIR-AP-BRACKET-2
 4. Construction: 12 ga. white powder-coated steel.
 5. Size: 11 inches by 11 inches by 2.5 inches (280mm by 280mm by 64mm).
- K. Basis of Design: Model 1006-CCOAP3800 as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing wireless access points on walls. Designed to mount the access point in the preferred horizontal orientation. For Cisco 3800 series access Points
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. For Cisco APs, use AIR-AP-BRACKET-2

4. Construction: 12 ga. white powder-coated steel.
 5. Size: 11 inches by 11 inches by 2.5 inches (280mm by 280mm by 64mm)
- L. Basis of Design: Model 1006-HLA as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing wireless access points on walls. Designed to mount the access point in the preferred horizontal orientation. For Cisco access point with HLA antenna
 2. AP is partially recessed into bracket, providing aesthetic appearance
 3. For Cisco APs, use AIR-AP-BRACKET-2
 4. Construction: 12 ga. white powder-coated steel.
 5. Size: 15 inches by 15 inches by 4 inches (381mm by 381mm by 102mm)
- M. Basis of Design: Model 1008-AP3800-COVER as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing wireless access points on walls, and on ceiling joists and beams in open ceilings. Designed to mount the access point in the preferred horizontal orientation. Includes beam clamps and black vanity cover for AP. Designed for Cisco 3800 series APs.
 2. Includes adjustable T-bar bracket for attaching most vendor's 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 wireless access points up to 9" x 9"
 6. Size: 8.5 inches by 7 inches by 3 inches (215 mm by 178 mm by 76 mm).
- N. Basis of Design: Model 1008-HLA-COVER as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing wireless access points on walls, and on ceiling joists and beams in open ceilings. Designed to mount the access point 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 vendor's 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 inches by 7 inches by 3 inches (215 mm by 178 mm by 76 mm).
- O. Basis of Design: Model 1008-MR-COVER as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing wireless access points on walls, and on ceiling joists and beams in open ceilings. Designed to mount the access point 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 vendor's 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 inches by 7 inches by 3 inches (215 mm by 178 mm by 76 mm).
- P. Basis of Design: Model 1008-WAP-COVER as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing wireless access points on walls, and on ceiling joists and beams in open ceilings. Designed to mount the

- access point in the preferred horizontal orientation. Includes beam clamps and black vanity cover for AP. Accommodates most vendor's AP
2. Includes adjustable T-bar bracket for attaching most vendor's 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 wireless access points up to 9" x 9"
 6. Size: 8.5 inches by 7 inches by 3 inches (215 mm by 178 mm by 76 mm).
- Q. Basis of Design: Model 1009-00 as manufactured by Oberon, Inc.
1. Design: Right-angle mounting bracket for securing wireless access points on walls. Designed to mount the access point in the preferred horizontal orientation. Accommodates most vendors' access points.
 2. Includes adjustable T-bar bracket for attaching most vendor's APs
 3. Construction: 10 ga. white powder-coated steel.
 4. Accommodates wireless access points up to 9" x 9"
 5. Size: 8.5 inches by 7 inches by 3 inches (215 mm by 178 mm by 76 mm).
- R. Basis of Design: Model 1010-00 as manufactured by Oberon, Inc.
1. Design: Wedge shaped right-angle mounting bracket for securing wireless access points on walls. Designed to mount the access point in the preferred horizontal orientation. Accommodates most vendors' access points.
 2. Knockouts on two sidewalls for 1" trades size conduit connectors
 3. Includes adjustable T-bar bracket for attaching most vendor's APs
 4. Construction: 20 ga. white powder-coated steel.
 5. Size: 9 inches by 7 inches by 5 inches (229 mm by 178 mm by 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 wireless access points on walls. Designed to mount the access point in the preferred horizontal orientation. Accommodates most vendors' access points.
 2. Knockouts on two sidewalls for 1" trades size conduit connectors
 3. Hinged cover to conceal cabling
 4. Includes adjustable T-bar bracket for attaching most vendor's APs
 5. Construction: 20 ga. white powder-coated steel.
 6. Size: 9 inches by 7 inches by 5 inches (229 mm by 178 mm by 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 wireless access points on walls. Designed to mount the access point in the preferred horizontal orientation. Designed for Cisco and Aruba access points.
 2. Knockouts on two sidewalls for 1" trades size conduit connectors
 3. Locking, hinged cover to conceal cabling, keyed alike
 4. Includes receiver plate for different vendor's WAPs
 5. Construction: 18 ga. white powder-coated steel.
 6. Size: 9 inches by 7 inches by 5 inches (229 mm by 178 mm by 127 mm).

B. SURFACE MOUNTED WIRELESS ACCESS POINT ENCLOSURES AND MOUNTING SOLUTIONS

- U. Basis of Design: Model 1013-00 as manufactured by Oberon, Inc.
 - 1. Design: 2-Axis articulating mount for securing wireless access points and directional antennas on walls. Designed to allow directional antenna to articulate in both azimuth and elevation. Works with most vendors' access points and antennas.
 - 2. Performance: +/- 45° antenna pointing, up and down, right and left
 - 3. Includes T-bar bracket for attaching most vendor's APs
 - 4. Includes universal antenna mounting plate
 - 5. Construction: 14 ga. white powder-coated steel.
 - 6. Size: 9 inches by 11 inches by 6.25 inches (229 mm by 280 mm by 159 mm).

- V. Basis of Design: Model 1013-COVER as manufactured by Oberon, Inc.
 - 1. Design: 2-Axis articulating mount for securing wireless access points and directional antennas on walls. Designed to allow directional antenna to articulate in both azimuth and elevation. Works with most vendors' access points and antennas. With vanity cover to conceal access point 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 vendor's APs
 - 4. Construction: 14 ga. white powder-coated steel.
 - 5. Includes attachable, paintable, white UL94-5VA ABS plastic vanity cover,
 - 6. Size: 9 inches by 11 inches by 6.25 inches (229 mm by 280 mm by 159 mm).
 - 7. Vanity cover size: 11.5 inches by 10.25 inches by 7.25 inches (292 mm by 260 mm by 184 mm).

- W. Basis of Design: Model 1014-00 as manufactured by Oberon, Inc.
 - 1. Design: 1 Axis articulating mount for securing wireless access points and directional antennas on walls. Designed to allow directional antenna to articulate in elevation. Works with most vendors' access points and antennas. With vanity cover to conceal access point 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 vendor's 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 inches by 8 inches by 4.4 inches (274mm by 203mm by 114mm).
 - 7. Vanity Cover size: 11.3 inches by 10.1 inches by 7.6 inches (287mm by 257mm by 195mm).

- X. Basis of Design: Model 1015-00 as manufactured by Oberon, Inc.
 - 1. Design: Wireless access point enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate wireless access points 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 vendor's access points, mounting features for Cisco 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 plastic. Textured white body and door.
 8. Size: 11.1 inches by 11.1 inches by 4.4 inches (282 mm by 282 mm by 112 mm).
- Y. Basis of Design: Model 1015-C as manufactured by Oberon, Inc.
1. Design: Wireless access point enclosure with translucent, frosted door, designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate wireless access points 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 vendor's access points, mounting features for Cisco 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 plastic. Box is white, door is translucent, frosted.
 8. Size: 11.1 inches by 11.1 inches by 4.4 inches (282 mm by 282 mm by 112 mm).
- Z. Basis of Design: Model 1015-00-RAB as manufactured by Oberon, Inc.
1. Design: Wireless access point non-metallic lock-box with right angle bracket. Designed to secure wireless access points 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 access point in preferred horizontal orientation.
 3. Oberon Skybar shaped locking, fully hinged door, keyed alike
 4. Universal T-bar for most vendor's access points, mounting features for Cisco APs
 5. Twistouts in sidewalls for conduit or jack modules
 6. Construction: UL 94-HB Classified ABS plastic. Box and door are white. White powder coated 10 gauge steel right angle bracket
 7. Size: 12.2 inches by 11.1 inches by 4.5 inches (310 mm by 282 mm by 115 mm).
- AA. Basis of Design: Model 1015-C-RAB as manufactured by Oberon, Inc.
1. Design: Wireless access point non-metallic lock-box with right angle bracket. Designed to secure wireless access points 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 access point in preferred horizontal orientation.
 3. Oberon Skybar shaped locking, fully hinged door, keyed alike
 4. Universal T-bar for most vendor's access points, 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 gauge steel right angle bracket
7. Size: 12.2 inches by 11.1 inches by 4.5 inches (310 mm by 282 mm by 115 mm).

BB. Basis of Design: Model 1016-00 as manufactured by Oberon, Inc.

1. Design: Wireless access point enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate wireless access points 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 access points.
5. Opening in back allows for placement directly over outlet.
6. Twistouts in sidewalls for conduit or raceway.
7. Construction: UL 94-V0 Classified polycarbonate. Textured white body and door.
8. Size: 12 inches by 18 inches by 5.15 inches (305mm by 457 mm by 131 mm).

CC. Basis of Design: Model 1016-C as manufactured by Oberon, Inc.

1. Design: Wireless access point enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate wireless access points 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 access points.
5. Opening in back allows for placement directly over outlet.
6. Twistouts in sidewalls for conduit or raceway.
7. Construction: UL 94-V0 Classified polycarbonate. Body is white, door is translucent, frosted.
8. Size: 12 inches by 18 inches by 5.15 inches (305mm by 457 mm by 131 mm).

DD. Basis of Design: Model 1016-ANTPLATE as manufactured by Oberon, Inc.

1. Design: Wireless access point enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate wireless access points 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. Access point mounting plate with universal T-bar and articulating antenna bracket for most vendors access points.
5. Opening in back allows for placement directly over outlet.
6. Twistouts 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 inches by 18 inches by 5.15 inches (305mm by 457 mm by 131 mm).

Formatted: Bullets and Numbering

- EE.** Basis of Design: Model 1017-BL as manufactured by Oberon, Inc.
1. Design: Wireless access point enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate smaller wall mount wireless access points with integrated or non-detachable antennas such as Cisco 702W, 1810W, or Aruba 205H access points.
 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 inches by 10.1 inches by 3.15 inches (152mm by 256mm by 80mm). Available internal dimensions 5.78 by 9.75 by 2.91 inches (147mm by 248mm by 69mm)

Formatted: Bullets and Numbering

- FF.** Basis of Design: Model 1017-WH as manufactured by Oberon, Inc.
1. Design: Wireless access point enclosure designed to be surface mounted on hard-lid ceilings or walls. Designed to accommodate smaller wall mount wireless access points with integrated or non-detachable antennas, such as Cisco 702W or Aruba 205H access points.
 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 inches by 10.1 inches by 3.15 inches (152mm by 256mm by 80mm). available internal dimensions 5.78 by 9.75 by 2.91 inches (147mm by 248mm by 69mm)

Formatted: Bullets and Numbering

- GG.** Basis of Design: Model 1018-WH as manufactured by Oberon, Inc.
1. Design: Round wireless access point enclosure designed to be surface mounted on hard-lid ceilings or walls. Resembles a common lighting luminaire. Designed to accommodate wireless access points with integrated or non-detachable antennas. Large enough for Cisco 3500/3600 series 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 "WiFi" symbol sticker
 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 inch diameter by 4 inches deep (302mm by 100mm).

Formatted: Bullets and Numbering

- HH.** Basis of Design: Model 1030-00 as manufactured by Oberon, Inc.
1. Design: Wireless access point enclosure designed to be surface mounted on

Formatted: Bullets and Numbering

- hard-lid ceilings or walls. Designed to accommodate wireless access points 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 inches by 17 inches by 3.5 inches (432 mm by 432 mm by 89 mm) (total depth), the dome is 12 inches by 12 inches by 2 inches (305 mm by 305 mm by 51 mm).

C. INDOOR AND OUTDOOR NEMA 4 WIRELESS ACCESS POINT ENCLOSURES

- II.** Basis of Design: Model 1020-00 as manufactured by Oberon, Inc.
1. Design: Compact, rugged polycarbonate wireless access point 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 8in-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 inches by 13.4 inches by 4 inches (340mm by 231mm by 102mm. Interior dimensions 8.8 inches by 10.5 inches by 3.7 inches (224 mm by 267 mm by 95 mm).

Formatted: Bullets and Numbering

- JJ.** Basis of Design: Model 1020-RAB as manufactured by Oberon, Inc.
1. Design: Rugged polycarbonate NEMA wireless access point 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 8in-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.

Formatted: Bullets and Numbering

8. Exterior Size: 9.1 inches by 13.4 inches by 4 inches (340mm by 231mm by 102mm Interior dimensions 8.8 inches by 10.5 inches by 3.7 inches (224 mm by 267 mm by 95 mm).

KK. Basis of Design: 1024-00 as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Polycarbonate NEMA wireless access point enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for access points 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 inches by 11.7 inches by 4.8inches (400mm by 297mm by 122mm. Interior dimensions: 14.8 inches by 10.8 inches by 4.5 inches (376 mm by 274 mm by 114 mm).

LL. Basis of Design: 1024-C as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Polycarbonate NEMA wireless access point enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for access points 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 inches by 11.7 inches by 4.8inches (400mm by 297mm by 122mm. Interior dimensions: 14.8 inches by 10.8 inches by 4.5 inches (376 mm by 274 mm by 114 mm).

MM. Basis of Design: 1026-00 as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Polycarbonate NEMA wireless access point enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for Cisco 3500/3600 wireless access points. 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 inches by 13.4 inches by 7.6 inches (295 mm by 340 mm by 193 mm).

NN. Basis of Design: 1026-C as manufactured by Oberon, Inc.

1. Design: Polycarbonate NEMA wireless access point enclosure designed for wall or mast mounting indoors or outdoors, where secure mounting is required. Large enough for Cisco 3500/3600 wireless access points. 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 inches by 13.4 inches by 7.6 inches (295 mm by 340 mm by 193 mm).

Formatted: Bullets and Numbering

OO. Basis of Design: 1028-04-ANT5-B / 1028-08-ANT5-B as manufactured by Oberon, Inc.

1. Configuration: Model 1028-04-ANT5-B: 4.5 inches (114 mm) deep door with 5 openings and plugs for antennas.
2. Configuration: Model 1028-08-ANT5-B: 9.1 inches (231 mm) deep, door with 5 openings and plugs for antennas.
3. Design: Hard lid, recessed, ceiling enclosure protects critical wireless access points, 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 25lbs
11. Size: Bezel is 20.1 inches by 20.1 inches (510 mm by 510 mm), enclosure is 15.75 inches by 13.9 inches by 4.5 or 9.1 inches deep (400 mm by 353 mm by 114 mm or 231 mm deep).

Formatted: Bullets and Numbering

- PP.** Basis of Design: 1028-04-ANT5-F / 1028-08-ANT5-F as manufactured by Oberon, Inc.
1. Configuration: Model 1028-04-ANT5-B: 4.5 inches (114 mm) deep, door with 5 openings and plugs for antennas.
 2. Configuration: Model 1028-08-ANT5-B: 9.1 inches (231 mm) deep, door with 5 openings and plugs for antennas.
 3. Design: Suspended ceiling enclosure protects critical wireless access points, 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 inches by 23.75 inches (603 mm by 603 mm), enclosure is 15.75 inches by 13.9 inches by 4.5 or 9.1 inches deep (400 mm by 353 mm by 114 mm or 231 deep)

Formatted: Bullets and Numbering

- QQ.** Basis of Design: 3010-00 as manufactured by Oberon, Inc.
1. Design: Enclosure designed to protect wireless access point 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. De-rate AP operating temperature range by 9°C when mounted in enclosure
 3. Includes articulating universal access point mounting bracket
 4. EPDM foam gasket
 5. 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.
 6. Size: 9.16 inches by 16.60 inches by 11.25 inches (232 mm by 422 mm by 286 mm)

Formatted: Bullets and Numbering

- RR.** Basis of Design: 3015-NE as manufactured by Oberon, Inc.
1. Design: Enclosure designed to protect wireless access point or antenna when mounted under seats in auditorium or stadium. Fastens to riser. Screw on Acrylic/PVC alloy plastic cover.

Formatted: Bullets and Numbering

2. Performance: Designed to protect equipment from spilling liquids, weather and washing. Capable of NEMA 3R for indoor/ outdoor wet environments when properly sealed. Transparent to wireless signals. Paintable.
 3. Includes articulating universal antenna or access point mounting bracket.
 4. EPDM foam gasket
 5. Spanner panhead 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: 18.4 inches by 8 inches by 7.3 inches (467 mm by 203 mm by 185 mm)

SS. Basis of Design: 3015-WE as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Enclosure designed to protect both wireless access point 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 access point mounting bracket
8. EPDM foam gasket
9. Spanner panhead screws with gaskets to attach cover
10. 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.
11. Size: 29 inches by 8 inches by 7.3 inches (737 mm by 203 mm by 185 mm)

Formatted: Bullets and Numbering

TT. Basis of Design: 3020-00 as manufactured by Oberon, Inc.

1. Design: Clam shell Acrylic/PVC alloy plastic enclosure designed to protect wireless access point and antenna when mounted on handrails in auditorium or stadium. Center plane fastens to handrail.
2. Performance: Designed to protect equipment from spilling liquids and weather. Capable of NEMA 3R performance for indoor/ outdoor environments when properly sealed. Transparent to wireless signals. Paintable.
3. Includes aluminum center plane with features to fasten access point and antenna. Center plane fastens to lower handrail with U-Bolt clamp.
4. EPDM foam gasket.
Specify right pointing and left pointing antenna (Model 3020-R and 3020-L)
5. Construction: 2 part clamshell, light grey, thermoformed UL94-V0 Acrylic/PVC alloy plastic. UV capped for exposure to direct sunlight. Center plane is 10ga. aluminum.
6. Size: 26.93 inches by 16.15 inches by 4.60 inches (684 mm by 410 mm by 117 mm)

D. PLENUM RATED CEILING ACCESS POINT MOUNTING SOLUTIONS

UU. Basis of Design: Model 1040-AP215 as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Recessed installation kit for installing wireless access points in cloud,

- canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, adjustable hanger wire, access point bracket, and trim for Aruba AP215.
- 2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations.
- 3. Access point trim is interchangeable for other access points
- 4. Construction: 20 ga. galvanized steel panel bridge, white, powder-coated steel trim.
- 5. Use hanger wire to attach to building structure
- 6. Size: 16 inches by 23.75 inches by 3 inches (406 mm by 603 mm by 76mm).

VV. Basis of Design: Model 1040-AP225 as manufactured by Oberon, Inc.

- 7. Design: Recessed installation kit for installing wireless access points in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, adjustable hanger wire, access point bracket, and trim for Aruba AP225.
- 8. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations.
- 9. Access point trim is interchangeable for other access points
- 10. Construction: 20 ga. galvanized steel panel bridge, white, powder-coated steel trim.
- 11. Use hanger wire to attach to building structure
- 12. Size: 16 inches by 23.75 inches by 3 inches (406 mm by 603 mm by 76mm).

Formatted: Bullets and Numbering

WW. Basis of Design: Model 1040-AP315 as manufactured by Oberon, Inc.

- 1. Design: Recessed installation kit for installing wireless access points in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, adjustable hanger wire, access point bracket, and trim for Aruba AP315.
- 2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations.
- 3. Access point trim is interchangeable for other access points. Trim attaches to panel bridge with torsion spring for fast, tool-less installation.
- 4. Construction: 20 ga. galvanized steel panel bridge, white, powder-coated steel trim.
- 5. Use hanger wire to attach to building structure
- 6. Size: 16 inches by 23.75 inches by 3 inches (406 mm by 603 mm by 76mm).

Formatted: Bullets and Numbering

XX. Basis of Design: Model 1040-AP325 as manufactured by Oberon, Inc.

- 1. Design: Recessed installation kit for installing wireless access points in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, adjustable hanger wire, access point bracket, and trim for Aruba AP325.
- 2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations.
- 3. Access point trim is interchangeable for other access points
- 4. Construction: 20 ga. galvanized steel panel bridge, white, powder-coated steel trim.
- 5. Use hanger wire to attach to building structure
- 6. Size: 16 inches by 23.75 inches by 3 inches (406 mm by 603 mm by 76mm).

Formatted: Bullets and Numbering

YY. Basis of Design: Model 1040-CCOAP as manufactured by Oberon, Inc.

- 1. Design: Recessed installation kit for installing wireless access points in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, adjustable hanger wire, access point bracket, and trim for Cisco access points.
- 2. Performance: UL listed for low voltage applications and designed to meet

Formatted: Bullets and Numbering

NEC300-22 and 300-23 for plenum installations.

3. Access point trim is interchangeable for other access points
4. Construction: 20 ga. galvanized steel panel bridge, white, powder-coated steel trim.
5. Use hanger wire to attach to building structure
6. Size: 16 inches by 23.75 inches by 3 inches (406 mm by 603 mm by 76mm)

ZZ. Basis of Design: Model 1040-CCOAP3800 as manufactured by Oberon, Inc.

1. Design: Recessed installation kit for installing wireless access points in cloud, canopy, or suspended ceiling panels. Comprised of steel ceiling panel bridge, adjustable hanger wire, access point bracket, and trim for Cisco 2800 and 3800 access points.
2. Performance: UL listed for low voltage applications and designed to meet NEC300-22 and 300-23 for plenum installations.
3. Access point trim is interchangeable for other access points
4. Construction: 20 ga. galvanized steel panel bridge, white, powder-coated steel trim.
5. Use hanger wire to attach to building structure
6. Size: 16 inches by 23.75 inches by 3 inches (406 mm by 603 mm by 76mm)

Formatted: Bullets and Numbering

AAA. Basis of Design: Model 1041-00 as manufactured by Oberon, Inc.

1. Design: Concealed spline ceiling tile mount specifically designed for Cisco 1140, 1260, 3500 and 3600 wireless access points. Mount emulates a ceiling tile and installs into standard concealed spline ceiling gridwork. Mount shall be supported by the building ceiling structural system, not tile grid work.
2. Performance: Designed to meet NEC300-22 and 300-23 for plenum installations.
3. Construction: textured white powder-coated steel, and galvanized steel.
4. Size: 12 inch by 12 inch by 1.25 inch deep (305 mm by 305 mm by 32 mm).

Formatted: Bullets and Numbering

BBB. Basis of Design: Model 1044-AP225 / 1044-AP225-F as manufactured by Oberon, Inc.

1. Design: Recessed installation kit for installing wireless access points in fire rated 2' x 2' suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, access point bracket, and trim for Aruba AP225.
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. Access point trim is interchangeable for other access points
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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
6. Use hanger wire to attach to building structure
7. In healthcare environment specify "-F" for front attach trim. The front attach trim and AP can be detached from the mount without lifting ceiling tiles.
8. Size: 18 inches by 23.75 inches by 3 inches (457 mm by 603 mm by 76mm). Back-box is 12.5" by 12.5" x 3".

Formatted: Bullets and Numbering

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

Formatted: Bullets and Numbering

1. Design: Recessed installation kit for installing wireless access points in fire rated 2' x 2' suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, access point bracket, and trim for Aruba AP315.
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. Access point trim is interchangeable for other access points. 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
6. Use hanger wire to attach to building structure
7. In healthcare environment specify "-F" for front attach trim. The front attach trim and AP can be detached from the mount without lifting ceiling tiles.
8. Size: 18 inches by 23.75 inches by 3 inches (457 mm by 603 mm by 76mm). Back-box is 12.5" by 12.5" x 3"

DDD.Basis of Design: Model 1044-AP325 / 1044-AP325-F as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Recessed installation kit for installing wireless access points in fire rated 2' x 2' suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, access point bracket, and trim for Aruba AP325.
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. Access point trim is interchangeable for other access points
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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
6. Use hanger wire to attach to building structure.
7. In healthcare environment specify "-F" for front attach trim. The front attach trim and AP can be detached from the mount without lifting ceiling tiles.
8. Size: 18 inches by 23.75 inches by 3 inches (457 mm by 603 mm by 76mm). Back-box is 12.5" by 12.5" x 3"

EEE. Basis of Design: Model 1044-CCOAP / 1044-CCOAP-F as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Recessed installation kit for installing wireless access points in fire rated 2' x 2' suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, access point bracket, and trim for Cisco Access Points.
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. Access point trim is interchangeable for other access points
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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
6. Use hanger wire to attach to building structure
7. In healthcare environment specify "-F" for front attach trim. The front attach trim and AP can be detached from the mount without lifting ceiling tiles.
8. Size: 18 inches by 23.75 inches by 3 inches (457 mm by 603 mm by 76mm). Back-box is 12.5" by 12.5" x 3"

FFF. Basis of Design: Model 1044-CCOAP3800 / 1044-CCOAP-3800-F as manufactured by Oberon, Inc.

1. Design: Recessed installation kit for installing wireless access points in fire rated 2' x 2' suspended ceiling tiles. Comprised of steel ceiling tile bridge and back box, hanger wire, access point bracket, and trim for Cisco 3800 access points.
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. Access point trim is interchangeable for other access points
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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
6. Use hanger wire to attach to building structure
7. In healthcare environment specify "-F" for front attach trim. The front attach trim and AP can be detached from the mount without lifting ceiling tiles.
8. Size: 18 inches by 23.75 inches by 3 inches (457 mm by 603 mm by 76mm). Back-box is 12.5" by 12.5" x 3"

Formatted: Bullets and Numbering

GGG. Basis of Design: Model 1064-00 as manufactured by Oberon, Inc.

1. Design: Economical ceiling mount designed specifically for aesthetic, secure mounting of the Cisco series access points.
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 series 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
5. Product must be supported by the building structure independent of the suspended ceiling
6. Size: 23.75 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep.

Formatted: Bullets and Numbering

HHH.

Basis of Design:

Formatted: Bullets and Numbering

Model 1064-T as manufactured by Oberon, Inc.

1. Design: Economical ceiling mount designed specifically for aesthetic, secure mounting of the Cisco series access point.
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 series 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance
6. Product must be supported by the building structure independent of the suspended ceiling
7. Size: 23.75 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep.

III.

Basis of Design: Model 1068-00 as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Economical locking ceiling mount designed specifically for aesthetic, secure mounting of Aruba wireless access point.
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 access point, 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 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep.

E. PLENUM RATED SUSPENDED CEILING WIRELESS ACCESS POINT ENCLOSURES

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

Formatted: Bullets and Numbering

1. Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Access point mounts in interchangeable door. Fits into standard 2' x 2' (U.S.) ceiling grid. Door designed for Aruba AP225
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. Designate “-T” for tegular flange units, designed for recessed grid ceilings
4. Locking, quick release interchangeable door for migration to other access points
5. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
6. 1” trade size knockouts in four walls
7. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.

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, designate “-T” for tegular flange units
11. Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm). Back-box is 12.5” by 12.5” x 3”

KKK. Basis of Design: Model 1046-AP325 / 1046-AP325-T as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Access point mounts in interchangeable door. Fits into standard 2’ x 2’ (U.S.) ceiling grid. Door designed for Aruba AP325.
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 access points
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1” 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
7. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire.
8. Maximum weight inside enclosure is 25 lbs.
9. For recessed grid ceilings, designate “-T” for tegular flange units
10. Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm); back-box is 12.5” by 12.5” x 3”

Formatted: Bullets and Numbering

LLL. Basis of Design: Model 1046-AP335 / 1046-AP335-T as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Access point mounts in interchangeable door. Fits into standard 2’ x 2’ (U.S.) ceiling grid. Door designed for Aruba AP335.
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 access points
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1” 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
7. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11; includes hanger wire
8. Maximum weight inside enclosure is 25 lbs.
9. For recessed grid ceilings, designate “-T” for tegular flange units

Formatted: Bullets and Numbering

10. Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm); back-box is 12.5" by 12.5" x 3"

MMM. Basis of Design: Model 1046-CCOAP/ 1046-CCOAP-T as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Access point mounts in interchangeable door. Fits into standard 2' x 2' (U.S.) ceiling grid. Door designed for Cisco APs
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 access points
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
7. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire.
8. Maximum weight inside enclosure is 25 lbs.
9. For recessed grid ceilings, designate "-T" for tegular flange units.
10. Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm). Back-box is 12.5" by 12.5" x 3"

NNN. Basis of Design: Model 1046-CCOAP3800/ 1046-CCOAP3800-T as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Access point mounts in interchangeable door. Fits into standard 2' x 2' (U.S.) ceiling grid. Door designed for Cisco 3800 series APs
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 access points
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
7. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire.
8. Maximum weight inside enclosure is 25lbs
9. For recessed grid ceilings, designate "-T" for tegular flange units.
10. Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm). Back-box is 12.5" by 12.5" x 3"

OOO.Basis of Design: Model 1046-EXT3935 / 1046-EXT3935-T as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Access point mounts in interchangeable door. Fits into standard 2' x 2' (U.S.) ceiling grid. Door designed for Extreme 3935 series APs
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 access points
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
7. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire.
8. Maximum weight inside enclosure is 25lbs
9. For recessed grid ceilings, designate "-T" for tegular flange units.
10. Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm). Back-box is 12.5" by 12.5" x 3"

PPP.Basis of Design: Model 1046-MR/ 1046-MR-T as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Access point mounts in interchangeable door. Fits into standard 2' x 2' (U.S.) ceiling grid. Door designed for Meraki MR 32/34/42
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 access points
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
7. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire.
8. Maximum weight inside enclosure is 25lbs
9. For recessed grid ceilings, designate "-T" for tegular flange units.
10. Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm). Back-box is 12.5" by 12.5" x 3"

QQQ.Basis of Design: Model 1046-WA / 1046-WA-T as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Access point mounts in interchangeable door. Fits

into standard 2' x 2' (U.S.) ceiling grid. Plastic dome in door, suitable for most vendors APs.

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 access points
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" trade size knockouts in four walls
6. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. UL-94-5VA white ABS plastic dome. Solid back-box fills opening behind access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
7. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire.
8. Maximum weight inside enclosure is 25lbs
9. For recessed grid ceilings, designate "-T" for tegular flange units.
10. Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm). Back-box is 12.5" by 12.5" x 3

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

1. Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Fits into standard 2' x 2' (U.S.) ceiling grid. Door designed for Cisco APs.
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 access points. Large door permits migration to large access points and domes
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
7. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire.
8. Maximum weight inside enclosure is 25lbs
9. For recessed grid ceilings, designate "-T" for tegular flange units.
10. Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm). Back-box is 18.5" by 18.5" x 3".

Formatted: Bullets and Numbering

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

1. Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Fits into standard 2' x 2' (U.S.) ceiling grid. Door designed for Cisco 2800 and 3800 APs.
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

Formatted: Bullets and Numbering

- enclosure.
3. Locking, quick release interchangeable door for migration to other access points. Large door permits migration to large access points and domes
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
 7. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire.
 8. Maximum weight inside enclosure is 25lbs
 9. For recessed grid ceilings, designate "-T" for tegular flange units.
 10. Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm). Back-box is 18.5" by 18.5" x 3".

TTT. Basis of Design: Model 1047-HLA / 1047-HLA-T as manufactured by Oberon, Inc.

1. Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Fits into standard 2' x 2' (U.S.) ceiling grid. Door designed for Cisco AP with hyper-location antenna.
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 access points. Large door permits migration to large access points and domes
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
7. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire.
8. Maximum weight inside enclosure is 25lbs
9. For recessed grid ceilings, designate "-T" for tegular flange units.
10. Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm). Back-box is 18.5" by 18.5" x 3".

Formatted: Bullets and Numbering

UUU. Basis of Design: Model 1047-LPDOME / 1047-LPDOME-T as manufactured by Oberon

1. Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Fits into standard 2' x 2' (U.S.) ceiling grid. Interchangeable door with ABS dome
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. 13" by 13" by 2" ABS plastic dome is large enough for most vendor's access points with integrated antennas, and is transparent to wireless signals.
4. Locking, quick release interchangeable door for migration to other access points. Large door permits migration to large access points and domes

Formatted: Bullets and Numbering

5. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
6. 1" trade size knockouts in four walls
7. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. UL-94-5VA white ABS plastic dome.
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 25lbs
10. For recessed grid ceilings, designate "--T" for tegular flange units.
11. Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm); back-box is 18.5" by 18.5" x 3"; total depth is 5".

VVV.

Basis of Design:

Formatted: Bullets and Numbering

- Model 1047-DOME / 1047-DOME-T as manufactured by Oberon
1. Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Interchangeable door with ABS dome. Fits into standard 2' x 2' (U.S.) ceiling grid.
 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. 14" by 14" by 4" ABS plastic dome is large enough for most vendor's access points with dipole antennas, and is transparent to wireless signals.
 4. Locking, quick release interchangeable door for migration to other access points. Large door permits migration to large access points and domes
 5. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 6. 1" trade size knockouts in four walls
 7. Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. UL 94-5VA white ABS plastic dome
 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, designate "--T" for tegular flange units.
 11. Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm); back-box is 18.5" by 18.5" x 3".

Formatted: Bullets and Numbering

WWW.

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

1. Design: Ceiling tile enclosure designed for access points 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" 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 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep. AP Enclosure is 12.5 inches by 12.5 inches by 4.5 inches deep (318 mm by 318 mm by 114 mm deep).

XXX.

Basis of Design:

Formatted: Bullets and Numbering

- Model 1052-T as manufactured by Oberon, Inc.
1. Design: Ceiling tile enclosure designed for access points 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" 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: Flange Size: 23.75 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep. AP Enclosure is 12.5 inches by 12.5 inches by 4.5 inches deep (318 mm by 318 mm by 114 mm deep).

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

Formatted: Bullets and Numbering

1. Design: Ceiling tile enclosure specifically designed for Cisco series wireless access points. Door has special mounting bracket to hold the access point 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" trade size knockouts in four walls
5. Construction: 16 ga. galvanized steel back-box, 14 ga. door textured white powder-coated steel.
6. Size: Size: 23.75 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep. AP Enclosure is 12.5 inches by 12.5 inches by 4.5 inches deep (318 mm by 318 mm by 114 mm deep).

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

Formatted: Bullets and Numbering

1. Design: Ceiling tile enclosure specifically designed for Cisco series wireless access points. Door has special mounting bracket to hold the access point 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" 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 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep. AP Enclosure is 12.5 inches by 12.5 inches by 4.5 inches deep (318 mm by 318 mm by 114 mm deep).

AAAA.

Basis of Design:

Formatted: Bullets and Numbering

Model 1052-ENT3610 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure specifically designed for Enterasys AP 3610 and AP3630 series wireless access points. Door has special mounting bracket to hold the access point 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" trade size knockouts in four walls
5. Construction: 16 ga. galvanized steel back-box, 14 ga. door textured white powder-coated steel.
6. Size Size: 23.75 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep. AP Enclosure is 12.5 inches by 12.5 inches by 4.5 inches deep (318 mm by 318 mm by 114 mm deep).

BBBB.

Basis of Design:

Formatted: Bullets and Numbering

Model 1052-AP225 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure specifically designed for Aruba Networks AP225 series wireless access points. Door has special mounting bracket to hold the access point 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" 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 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep. AP Enclosure is 12.5 inches by 12.5 inches by 4.5 inches deep (318 mm by 318 mm by 114 mm deep).

CCCC.

Basis of Design:

Formatted: Bullets and Numbering

Model 1052-AP325 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure specifically designed for Aruba Networks AP325 series wireless access points. Door has special mounting bracket to hold the access point 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" 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 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep., AP Enclosure is 12.5 inches by 12.5 inches by 4.5 inches deep (318 mm by 318 mm by 114 mm deep).

DDDD.

Basis of Design:

Model 1052-AN-ANT16 as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure specifically designed for Aruba Networks APs with detachable antennas (AP-120, AP-124). AP-120 and AP-124 require the Aruba Networks AP-120-MNT mounting bracket. Mounting features on the door accommodate Aruba Networks AP-ANT-16 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 upper operating temperature limit from +50 degrees C to +40 degrees C (122 degrees F to 104 degree F) when AP in the enclosure.
3. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
4. 1" trade size knockouts in four walls
5. Construction: 16 ga. galvanized steel back-box, 14 ga. door, textured white powder-coated steel.
6. Flange Size: 23.75 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep. AP Enclosure is 12.5 inches by 12.5 inches by 4.5 inches deep (318 mm by 318 mm by 114 mm deep).

Formatted: Bullets and Numbering

EEEE.

Basis of Design:

Model 1052-HFHS-N as manufactured by Oberon, Inc.

1. Design: Ceiling tile enclosure specifically designed for Siemens 3620 access point. Aesthetic dual band MIMO antenna mounts conveniently to the door. Antenna Gain: 3dBi at 2.4GHz, 4dBi at 4.9-5.9GHz, Omni-directional. 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" trade size knockouts in four walls
5. Construction: 16 ga. galvanized steel back-box, 14 ga. door textured white powder-coated steel construction. Fully hinged locking door, keyed alike.
6. Flange Size: 23.75 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep. AP Enclosure is 12.5 inches by 12.5 inches by 4.5 inches deep (318 mm by 318 mm by 114 mm deep).

Formatted: Bullets and Numbering

FFFF.

Basis of Design:

Model 1052-DOME as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Ceiling tile enclosure with 9" diameter hemisphere ABS plastic dome, designed for access points 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" 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 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep., access point enclosure is 12.5 inches by 12.5 inches by 4.5 inches deep (318 mm by 318 mm by 114 mm deep). Dome is 9 inches (229 mm) diameter, 4.5 inches (114 mm) high.

GGGG. Basis of Design: Model 1075-00 as manufactured by Oberon, Inc.

1. Design: Suspended ceiling insert enclosure designed for wireless access points and wireless multimedia gateways.
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 10°C when mounted in enclosure.
3. Include firestop foam kit for cable egress
4. 1" trade size knockout on two walls. Junction box knockout in back-box
5. 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
6. Enclosure shall be supported by the building ceiling structural system, not tile grid work. Includes tile bridges.
7. Maximum weight inside enclosure is 25lbs
8. Size: Flange is 15 inches by 15 inches (381 mm by 381 mm), enclosure back-box is 12.75 inches by 12.75 inches by 3.0 inches deep (324 mm by 324 mm by 77 mm deep).

Formatted: Bullets and Numbering

HHHH. Basis of Design: Model 1077-00 / 1077-T as manufactured by Oberon, Inc.

1. Design: lightweight ceiling tile enclosure designed for wireless access points with integrated antennas. Interchangeable door. Fits into standard 2' x 2' (U.S.) ceiling grid.
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 10°C when mounted in enclosure.
3. Include firestop foam kit for cable egress
4. 1" trade size knockout on two walls. Junction box knockout in back-box.
5. Construction: 16 ga. aluminum clear coat back-box, 14 ga. door, textured white powder-coated steel door and flange. Back-box is effective as a dust barrier for ICRA procedure compliance
6. Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire.

Formatted: Bullets and Numbering

7. Maximum weight inside enclosure is 25lbs
8. For recessed grid ceilings, designate “-T” for tegular flange units
9. Size: Flange is 23.75 inches by 23.75 inches (603 mm by 603 mm), enclosure back-box is 12.75 inches by 12.75 inches by 3.0 inches deep (324 mm by 324 mm by 77 mm deep).

F. PLENUM RATED, RECESSED, HARD CEILING OR WALL WIRELESS ACCESS POINT ENCLOSURES AND MOUTING SOLUTIONS

IIII.Basis of Design: Model 1041-WA as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit designed for wireless access points 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” 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 by 13.25 inches (337mm by 337mm). Back-box is 11 inches by 11 inches by 2 inches (280mm by 280mm by 51mm). ABS Plastic dome is 9 inches by 9 inches by 1.5 inches (230mm by 230 mm by 38mm).

Deleted: .
Formatted: Bullets and Numbering

Formatted: Font: 12 pt,

Formatted: Bullets and Numbering

JJJJ.Basis of Design: Model 1042-CCOAP as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit for wireless access points. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). Access point mounts in interchangeable bracket and trim, providing a professional finish. Designed for Cisco 2700, 3500, 3600, and 3700 series APs
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. Access point bracket and trim is interchangeable for other access points, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1” trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels ¾” 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25lbs
9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches

KKKK.Basis of Design: Model 1042-CCOAP3800 as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit for wireless

access points. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). Access point mounts in interchangeable bracket and trim, providing a professional finish. Designed for Cisco 2800 and 3800 series APs

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. Access point bracket and trim is interchangeable for other access points, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels ¾" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25lbs
9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches

Formatted: Font: 12 pt,

Formatted: Bullets and Numbering

LLLL.Basis of Design: Model 1042-FL as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit designed for wireless access points with integrated antennas. Low profile textured white plastic ABS cover provides a professional finish. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). Designed for most vendors AP.
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. ABS plastic cover is captured in back-box with tool-less spring retainer and is virtually transparent to wireless signals.
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels ¾" thick or less.
7. Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. UL94-5VA ABS plastic cover. Solid back-box fills opening behind access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25lbs
9. Size:Back-box is 11 inches by 11 inches x 3inches (279 mm by 279 mm by 76mm). ABS Plastic cover is 13.5" x 13.5" x 0.5"

Formatted: Font: 12 pt,

Formatted: Bullets and Numbering

MMMM.Basis of Design: Model 1042-AP205 as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit for wireless access points. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). Access point mounts in interchangeable bracket and trim, providing a professional finish. Designed for Aruba AP-205 series APs
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. Access point bracket and trim is interchangeable for other access points, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels ¾" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25lbs
9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches

Formatted: Font: 12 pt,

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

1. Design: Economical, recessed hard ceiling or wall installation kit for wireless access points. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). Access point mounts in interchangeable bracket and trim, providing a professional finish. Designed for Aruba AP-215 series APs
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. Access point bracket and trim is interchangeable for other access points, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels ¾" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25lbs
9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches

Formatted: Font: 12 pt,

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

1. Design: Economical, recessed hard ceiling or wall installation kit for wireless access points. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). Access point mounts in interchangeable bracket and trim, providing a professional finish. Designed for Aruba AP-225 series APs
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. Access point bracket and trim is interchangeable for other access points, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" trade size knockouts in two walls

6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels ¾” 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25lbs
9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches

Formatted: Font: 12 pt,

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

1. Design: Economical, recessed hard ceiling or wall installation kit for wireless access points. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). Access point mounts in interchangeable bracket and trim, providing a professional finish. Designed for Aruba AP-305 series APs
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. Access point bracket and trim is interchangeable for other access points, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1” trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels ¾” 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25lbs
9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches

Formatted: Font: 12 pt,

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

1. Design: Economical, recessed hard ceiling or wall installation kit for wireless access points. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). Access point mounts in interchangeable bracket and trim, providing a professional finish. Designed for Aruba AP-315 series APs
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. Access point bracket and trim is interchangeable for other access points, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1” trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels ¾” 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25lbs
9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches

76mm). Back-box is 11 inches by 11 inches x 3inches

Formatted: Font: 12 pt,

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

1. Design: Economical, recessed hard ceiling or wall installation kit for wireless access points. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). Access point mounts in interchangeable bracket and trim, providing a professional finish. Designed for Aruba AP-325 series APs
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. Access point bracket and trim is interchangeable for other access points, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels ¾" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25lbs
9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches

Formatted: Font: 12 pt,

SSSS. Basis of Design: Model 1042-AP335 as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit for wireless access points. For pre-existing drywall, sheetrock, gypsum board walls or ceiling (remodeling or old construction). Access point mounts in interchangeable bracket and trim, providing a professional finish. Designed for Aruba AP-335 series APs
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. Access point bracket and trim is interchangeable for other access points, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" trade size knockouts in two walls
6. Swivel fasteners secure enclosure into pre-existing hard ceiling/wall panels ¾" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25lbs
9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches

Formatted: Font: 12 pt,

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

1. Design: Economical, recessed hard ceiling or wall installation kit designed for wireless access points with integrated antennas. Access point mounts in interchangeable bracket and trim, providing a professional finish. For new

Formatted: Bullets and Numbering

- ceilings and walls (new construction). Designed for Cisco 2700, 3500, 3600, 3700 series APs.
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. Access point bracket and trim is interchangeable for other access points, without removing back-box
 4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
 5. 1" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
 8. Maximum weight inside enclosure is 25 lbs.
 9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches.

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

Formatted: Bullets and Numbering

1. Design: Economical, recessed hard ceiling or wall installation kit designed for wireless access points with integrated antennas. Access point mounts in interchangeable bracket and trim, providing a professional finish. For new ceilings and walls (new construction). Designed for Cisco 2800 and 3800 series APs.
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. Access point bracket and trim is interchangeable for other access points, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25 lbs.
9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches.

VVVV.Basis of Design: Model 1043-AP225 as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Economical, recessed hard ceiling or wall installation kit designed for wireless access points with integrated antennas. Access point mounts in interchangeable bracket and trim, providing a professional finish. For new ceilings and walls (new construction). Designed for Aruba AP225 APs.
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. Access point bracket and trim is interchangeable for other access points, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25 lbs.
9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches .

WWW.Basis of Design: Model 1043-AP315 as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit designed for wireless access points with integrated antennas. Access point mounts in interchangeable bracket and trim, providing a professional finish. For new ceilings and walls (new construction). Designed for Aruba AP315 APs.
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. Access point bracket and trim is interchangeable for other access points, without removing back-box. Trim attaches to back box with torsion springs, for fast, tool-less replacement of trim.
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25 lbs.
9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches

Formatted: Bullets and Numbering

XXX.Basis of Design: Model 1043-AP325 as manufactured by Oberon, Inc.

1. Design: Economical, recessed hard ceiling or wall installation kit designed for wireless access points with integrated antennas. Access point mounts in interchangeable bracket and trim, providing a professional finish. For new ceilings and walls (new construction). Designed for Aruba AP325 APs.
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. Access point bracket and trim is interchangeable for other access points, without removing back-box
4. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
5. 1" 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 access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
8. Maximum weight inside enclosure is 25 lbs.
9. Size: 14.67 inches by 14.67 inches by 3 inches (373 mm by 373 mm by 76mm). Back-box is 11 inches by 11 inches x 3inches

Formatted: Bullets and Numbering

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

1. Design: 4.5 inch deep AP enclosure designed for recess installation in hard-lid

Formatted: Bullets and Numbering

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 access point 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 inches by 17.5 inches (445 mm by 445 mm), enclosure is 12.5 inches by 12.5 inches by 4.5 inches deep (318 mm by 318 mm by 114 mm), 4 inches (101 mm) useful depth with universal T-bar bracket in place.
8. Maximum weight to be installed inside enclosure is 25 lbs.

Formatted: Bullets and Numbering

Formatted: Bullets and Numbering

Formatted: Bullets and Numbering

ZZZZ.Basis of Design: Model 1065-CCOAP as manufactured by Oberon, Inc.

1. Design: Two piece AP locking mount designed for recess installation in hard-lid ceilings (drywall, plaster and lath, stucco, block, core plank, etc.).
2. Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13.
3. Designed for Cisco 2600, 2700, 3500, 3600, 3700 series APs. Use Cisco AIR-AP-BRACKET-2 for installation. Some thinner APs may require Oberon P/N 39-STANDOFF spacers to fit properly. Please contact you Oberon representative.
4. Not designed for Cisco 2800/3800 series APs.
5. Requires only 2" mounting depth in ceiling
6. The 1065 is a two part assembly. 1) The Retaining Bracket must be fastened to ceiling using suitable hardware. 2) the AP mount and bezel attaches to Retaining Bracket with captured hardware
7. Construction: 18 ga. white powder coated steel bezel, galvanized steel retaining bracket.
8. Size: Bezel is 18.5 inches by 18.5 inches by 2 inches deep (457mm by 457 mm by 51mm). Requires a 12 inch by 16.5 inch by 2 inch (305mm by 419mm by 51mm deep) cutout in ceiling for retaining bracket.

Formatted: Bullets and Numbering

Formatted: Bullets and Numbering

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

1. Design: recessed hard lid ceiling or wall enclosure designed for wireless access points and wireless multimedia gateways. Clear polycarbonate dome in door is transparent to wireless and IR signals.
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. UL listed for a.c. line voltage. OSHPD approved OPM-0110-13
3. Locking fully hinged interchangeable door for migration to other access points. Keyed alike.
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. 1" 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 complinace. UL 94-5VA clear polycarbonate dome in door
7. Maximum weight in enclosure is 25 lbs

8. Max. Operating temperature of AP should be de-rated by 10°C inside the enclosure
9. Flange is 15 inches by 15 inches (381 mm by 381 mm), enclosure back box is 12.75 inches by 12.75 inches by 3 inches deep (324 mm by 324 mm by 77 mm deep)

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

1. Design: recessed hard lid ceiling or wall enclosure designed for wireless access points and wireless multimedia gateways. Opaque white ABS non-metallic dome in door is transparent to wireless signals.
2. Performance: UL listed and designed to meet NEC300-22 and 300-23 for plenum installations. UL listed for a.c. line voltage. OSHPD approved OPM-0110-13
3. Locking, fully hinged interchangeable door for migration to other access points. Keyed alike
4. Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
5. 1" 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 complinace. UL 94-5VA opaque white ABS dome in door.
7. Maximum weight in enclosure is 25 lbs
8. Max. Operating temperature of AP should be de-rated by 10°C inside the enclosure
9. Flange is 15 inches by 15 inches (381 mm by 381 mm), enclosure back box is 12.75 inches by 12.75 inches by 3 inches deep (324 mm by 324 mm by 77 mm deep)

Formatted: Bullets and Numbering

G. MULTIMEDIA AND SWITCH ENCLOSURES

CCCCC.Basis of Design: Model 1074-04-ANT7 / 1074-06-ANT7 as manufactured by Oberon, Inc.

1. Configuration: Model 1074-04-ANT7: 4-1/2 inches (114 mm) deep, 2U rack mount brackets, non-ventilated door with 7 openings for antennas.
2. Configuration: Model 1074-06-ANT7: 6-1/2 inches (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 feet by 2 feet (610 mm by 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" trade size conduit connectors, and four 5" wide fire stopped openings
7. Includes two 5" cable egress firestop foam kits, and one 1" 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

Formatted: Bullets and Numbering

- grid work.
11. Maximum weight inside enclosure is 25lbs
 12. Size: Flange is 23.75 inches by 23.75 inches (610 mm by 610 mm), Enclosure is 22.7 inches by 22.7 inches by 4.5 or 6.5 inches deep (577 mm by 577 mm by 115 mm deep).

DDDDD. Basis of Design: Model 1074-04-VENT / 1074-06-VENT as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Configuration: Model 1074-04-VENT: 4-1/2 inches (114 mm) deep, 2U rack mount brackets, beveled, ventilated door.
2. Configuration: Model 1074-06-VENT: 6-1/2 inches (165 mm) deep, 3U rack mount brackets, beveled, ventilated door.
3. Design: General purpose telecommunications, ceiling-mounted, consolidation enclosure, shall be a locking, 2 feet by 2 feet (610 mm by 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" trade size conduit connectors, and four 5" wide fire stopped openings
7. Includes two 5" cable egress firestop foam kits, and one 1" 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 25lbs
12. Size: Flange is 23.75 inches by 23.75 inches (610 mm by 610 mm), Enclosure is 22.7 inches by 22.7 inches by 4.5 or 6.5 inches deep (577 mm by 577 mm by 115 mm deep).

EEEE. Basis of Design: Model 1074-04-PROJ / 1074-06-PROJ as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Configuration: Model 1074-04-PROJ: 4-1/2 inches (114 mm) deep, 2U rack mount brackets, mounting features in door for universal projector mount.
2. Configuration: Model 1074-06-VENT: 6-1/2 inches (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, 2 feet by 2 feet (610 mm by 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. Mounting features in door for universal projector mount.
6. Includes universal projector mount, and gas spring in door to assist closure

7. Polycarbonate window in door for Apple TV or other IR controlled gateway
8. Knockouts for two AC receptacles, eight 1" trade size conduit connectors, and four 5" wide fire stopped openings
9. Includes two 5" cable egress firestop foam kits, and one 1" trade size firestop foam kit.
10. Includes pair of rack mount brackets, AC receptacle and junction box, and hanger wire.
11. Construction: White, 10 ga. powder-coated aluminum back-box and flange, white, 8 ga. powder-coated aluminum door.
12. Enclosure shall be supported by the building ceiling structural system, not tile grid work.
13. Maximum weight inside enclosure is 25lbs
14. Size: Flange is 23.75 inches by 23.75 inches (610 mm by 610 mm), Enclosure is 22.7 inches by 22.7 inches by 4.5 or 6.5 inches deep (577 mm by 577 mm by 115 mm deep).

H. ACCESS POINT AND ANTENNA VANITY COVERS

FFFFF. Basis of Design: Model 33-WAP-COVER as manufactured by Oberon, Inc.

1. Design: Attachable, paintable, black plastic vanity cover. Conceal access point in open ceiling environments. Suitable for most vendors' access points and antennas.
2. Includes adhesive fasteners to attach cover to AP
3. Construction: Black UL94-5VA ABS plastic. Transparent to wireless signal.
4. Size: 8.8 inches by 8.8 inches by 2.1 inches (224mm by 224mm by 53mm).

Formatted: Bullets and Numbering

GGGGG. Basis of Design: Model 33-MR-COVER as manufactured by Oberon, Inc.

1. Design: Attachable, paintable, black plastic vanity cover. Conceal access point in open ceiling environments. Suitable for Meraki MR 32, 34 and 42 access points
2. Includes adhesive fasteners to attach cover to AP
3. Construction: Black UL94-5VA ABS plastic. Transparent to wireless signal.
4. Size: 10.3 inches by 6.5 inches by 1.7 inches (262mm by 165mm by 43mm).

Formatted: Bullets and Numbering

HHHHH. Basis of Design: Model 33-HLA-COVER as manufactured by Oberon, Inc.

1. Design: Attachable, paintable, black plastic vanity cover. Conceal access point in open ceiling environments. Suitable for Cisco AP and HLA antenna.
2. Includes adhesive fasteners to attach cover to AP
3. Construction: Black UL94-5VA ABS plastic. Transparent to wireless signal.
4. Size: 12.8 inches by 12.8 inches by 1.9 inches (325mm by 325mm by 48mm).

Formatted: Bullets and Numbering

IIIII. Basis of Design: Model 33-AP3800-COVER as manufactured by Oberon, Inc.

1. Design: Attachable, paintable, black plastic vanity cover. Conceal access point in open ceiling environments. Suitable for most vendors' access points and antennas.
2. Includes adhesive fasteners to attach cover to AP
3. Construction: Black UL94-5VA ABS plastic. Transparent to wireless signal.
4. Size: 8.9 inches by 8.9 inches by 2.3 inches (325mm by 325mm by 48mm).

Formatted: Bullets and Numbering

JJJJJ. Basis of Design: Model 33-ANT-COVER as manufactured by Oberon, Inc.

1. Design: Paintable, white plastic vanity cover for access point and antennas.

Formatted: Bullets and Numbering

- Conceal access points and antennas in many environments. Suitable for most vendors' access points and antennas.
2. Transparent to wireless signal.
 3. Construction: White UL94-5VA ABS plastic vanity cover. Vanity cover should be sealed and painted in outdoor environments
 4. Vanity Cover size: 11.3 inches by 10 inches by 7.7 inches(287mm by 254mm by 195mm).

KKKKK.Basis of Design: Model 33-IW3700-COVER as manufactured by Oberon, Inc.

Formatted: Bullets and Numbering

1. Design: Paintable, white plastic vanity cover for Cisco IW3700 access point and antennas. Conceal access points and antennas in many environments, indoors and outdoors.
2. Transparent to wireless signal.
3. Construction: Gray UL94-V0 Acrylic/PVC Alloy plastic vanity cover. UV capped for exposure to direct sunlight
4. Vanity Cover size: 13 inches by 13 inches by 5.6inches (330mm by 330mm by 142mm).

PART 3 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