



Secure Infrastructure Solutions For

Wireless Networks

Product Catalog 2014

oberonwireless.com

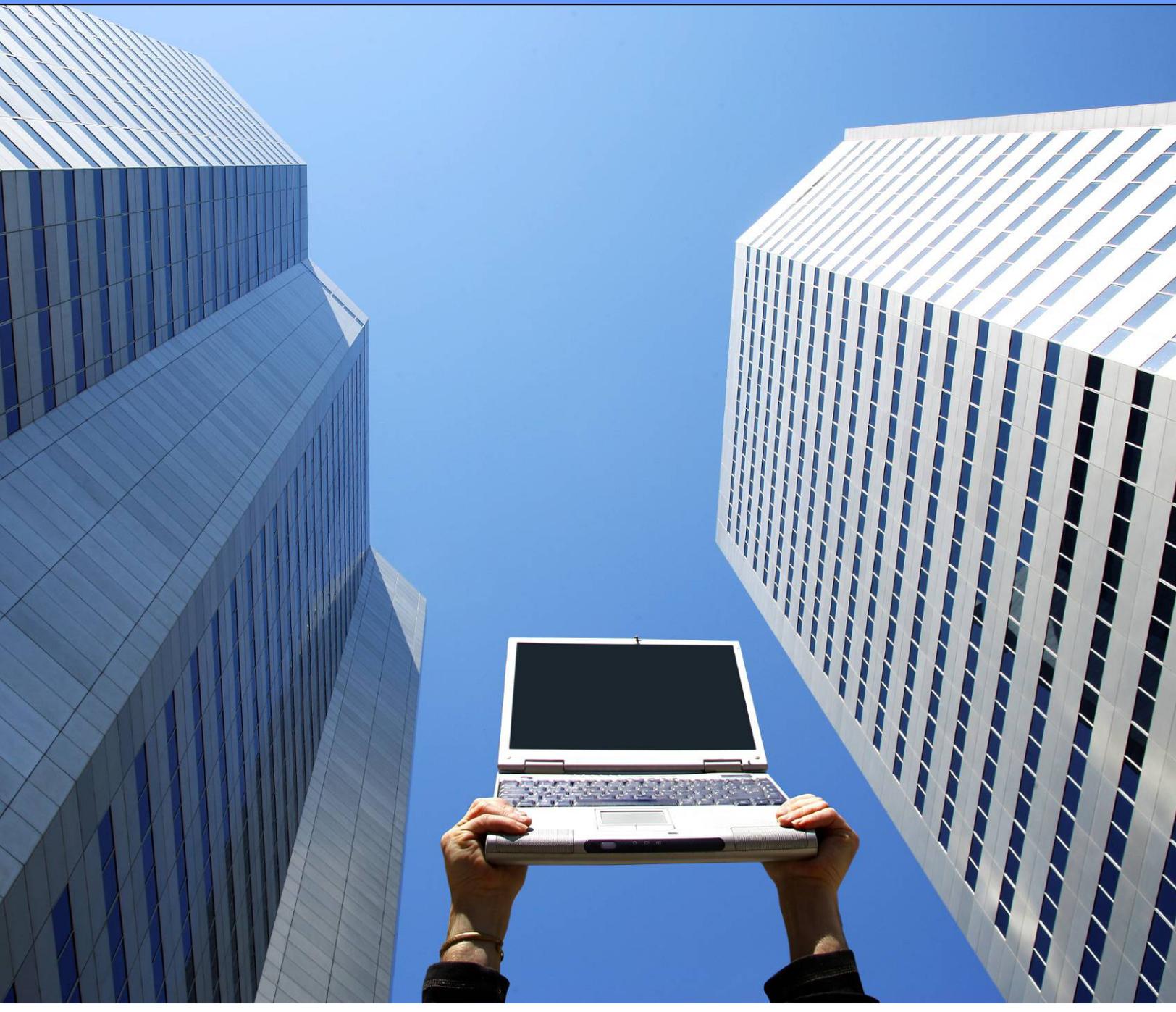


Table of Contents



- 4 **Welcome to Oberon**
- 5 Access Point Compatibility
- 6 Selecting the Best Enclosure or Mounting Solution

ENCLOSURES & MOUNTS

Suspended Ceiling Enclosures and Mounting Solutions for Wireless Access Points (WAPs) and DAS Remote Units		
7	Model 1052	Suspended Ceiling Enclosures for WAPs with Detachable Antennas & Configurations
18	Model 1057	Suspended Ceiling Enclosures for WAPs with Non-Detachable Antennas
20	Model 1058	Suspended Ceiling Mounted NEMA 4 Enclosure for Wireless Equipment
23	Model 1059	Suspended Ceiling Enclosures for WAPs with Non-Detachable Antennas
25	Model 1064	Suspended Ceiling, Locking Mounting Solution for Cisco WAPs
27	Model 1066	Suspended Ceiling, Locking Mounting Solution for Aruba Networks WAPs
29	Model 1068	Suspended Ceiling, Locking Mounting Solution for Many Vendors' WAPs & Configurations
31	Model 1075	Multimedia Gateway and Access Point Ceiling Enclosures
33	Model 1077	Ceiling Enclosure for Multimedia Gateway and WAPs
Indoor "Hard-lid" Ceiling and Wall Enclosures and Mounting Solutions for Wireless Access Points and DAS Remote Units		
35	Model 1010	Right Angle Wall Mount Bracket for Wireless Access Points
36	Model 1015	Non-Metallic Surface Mount Lock Box for Wireless APs
38	Model 1029	Right Angle Wall Mounting Bracket for WAPs
39	Model 1030	Surface Mount Enclosure for WAPs with Non-Detachable Antennas
41	Model 1031	"Hard-Lid" Ceiling or Wall, Surface Mount Enclosures
43	Model 1032	Surface Mount Enclosure for WAPs with Non-Detachable Antennas, White Cover
45	Model 1032-C	Surface Mount Enclosure for WAPs with Non-Detachable Antennas, Clear Cover
46	Model 1051	Recessed Hard Lid Ceiling and Wall Enclosure
49	Model 1076	Recessed Hard-Lid Ceiling or Wall Enclosure for Multimedia Gateway and WAPs, with Flange
52	Model 1078	Recessed Hard-Lid Ceiling or Wall Enclosure for Multimedia Gateway and WAPs, with Mud Ring
Indoor/Outdoor NEMA Enclosures for Wireless Access Points and DAS Remote Units		
55	Model 1020	Compact Stadium NEMA Enclosure for Wireless Access Points
57	Model 1024	NEMA Enclosure for WAPs – Hinged Cover
59	Model 1026	NEMA Enclosure for WAPs – Hinged Cover
A/V, Multimedia Gateway, Wireless, and Zone Networking Equipment Enclosures		
62	Model 1074-04	Suspended Ceiling Zone Enclosure for Pre-terminated Cabling Systems
64	Model 1074-VENT	Suspended Ceiling Zone Enclosure for Pre-terminated Cabling Systems
66	Model 1074-PROJ	Suspended Ceiling Mount for Projector and Multimedia Gateway
68	Model 1082	Surface Wall Mount Enclosure for Wireless and Networking Gear
Custom Enclosures		
70	Custom Access Point, DAS Remote, and Networking Equipment Enclosures and Mounting Solutions	
RETROFIT DOORS		
71	38-52-(XX)	Model 105X Series Enclosure Retrofit Doors
74	38-75-(XX)	Model 107X Series Enclosure Retrofit Doors
ACCESSORIES		
75	35-BULKHD-KIT	Jumper Cable
77	CCOAPI-SKIN	Vanity Cover for Cisco WAPs
78	Model 1045-00	Above-Ceiling Hanger for APs
80	Model 1790 PoE ILS	Electronic Physical Security for WAPs: PoE Interlock Switch

ENCLOSURE and MOUNTING ACCESSORIES

	WiFi Antennas	
81	34-ZDUAL	Dual Band Wi-Fi Antenna Designed to Mount on Oberon Enclosures
83	34-MIMO	MIMO Wi-Fi Antenna Designed to Mount on Oberon Enclosures
85	Other Antennas	
	Cabling, Enclosure, and Ceiling Mounting Accessories	
	Warranty	
93	Appendix A – Industry Compliance Assurance	
94	Appendix B – Oberon’s National Electric Code paragraphs Compliance Statement	
95	Appendix C – Warranty	

Oberon products are generally compatible with most vendors' wireless equipment. For ease of browsing, we have marked items specifically recommended for use with Cisco or Aruba Networks products with the following symbols:



Welcome to Oberon

Mounting Solutions and Enclosures for Securing Wireless, Networking and A/V equipment

Secure - Aesthetic - Convenient

Oberon's product line includes locking Wi-Fi access point, DAS Remote, networking and A/V equipment enclosures for virtually every workspace. No other manufacturer provides such a complete line of products to secure your in-building wireless and networking equipment. Oberon has a solution for suspended ceiling, hard-lid ceiling, and wall-mounted equipment, indoors and outdoors, for classrooms, public spaces, hospitals, commercial offices, warehouses, and just about any other environment. Oberon's products are designed to protect most manufacturers' datacom/telecom equipment.

UL Listed and designed to satisfy national electric code for installation in the above-ceiling space: this includes wall-mounted locking enclosures, cut-away ceiling enclosures for hard-lid areas, and NEMA enclosures for outdoor environments. The products are constructed of steel and aluminum and are electro-statically powder-coated for an attractive, extremely durable finish.

Oberon's products improve wireless infrastructure physical security by allowing the wireless equipment to be "locked down" in otherwise open office spaces. Wireless coverage is improved using the ceiling-mounted enclosures as the enclosure door provides an effective back-plane for the antenna, thereby optimizing the antenna pattern for in-room coverage. Moves, adds, and changes are facilitated by permitting easy access by authorized personnel. In healthcare environments, equipment is serviced with the turn of a key, rather than lifting ceiling tiles. Oberon's ceiling enclosures and antenna products are UL listed and preserve the integrity and safety of the ceiling system and air-handling space.

Zone Enclosures and Cabinets

Bringing Bandwidth Closer to the User™

Oberon's zone enclosures offer flexibility by securing networking and A/V components in the workspace where they are needed. Mounting access switches in the workspace brings bandwidth closer to the user, reduces horizontal cabling volume, and reduces congestion in the telecom room.

Manufacturing and Support

Oberon's specialty is wireless and zone enclosure and mounting solutions, and the products are designed and tested by an experienced technical staff with extensive wireless networking survey, design, and installation experience. Oberon's products have been tested with most of the industry-leading wireless networking vendor products.

As a product and custom design service vendor, we provide outstanding support to our market channel partners: the distributors, network designers, installers, and integrators responsible for enterprise wireless LAN installation. Our combination of patent-pending, innovative products and industry-experienced staff will provide the wireless infrastructure designer exceptional cost, performance, security, aesthetic, and installation value.

Since 1999, Oberon has been a leader in manufacturing solutions for conveniently installing and securing wireless network components

© 2013 Oberon, Inc. Copyright. All Rights Reserved. All text, images, graphics, and other materials contained in this catalog are subject to the copyright and other intellectual property rights of Oberon, Inc. These materials may not be reproduced, distributed, modified or reposted to other websites without the express written permission of Oberon, Inc.

Access Point Compatibility

Oberon has developed strategic relationships with the following leading wireless access point vendors to ensure that Oberon's products have been tested and verified for fit and functionality.



Oberon's wireless LAN access point and Ethernet switch enclosures accommodate products from most leading vendors. Visit the online search feature on Oberon's website (www.oberonwireless.com) to find enclosures and mounting solutions for the products you are using.



Selecting the Best Enclosure or Mounting Solution

Oberon has indoor, outdoor, wall, and ceiling enclosures and mounting solutions for all leading vendors of wireless access points and DAS remote units. The **Enclosure Finder** at www.oberonwireless.com will help you select the preferred mounting or enclosure solution in a few steps.

1) Select the technology being implemented (Wi-Fi AP, network switch or DAS)

2) Select the AP / DAS equipment manufacturer

ENCLOSURE FINDER

AP Network DAS

SELECT MANUFACTURER

SELECT MODEL #

SEARCH

[Don't See Your Model #?](#)



ENCLOSURE FINDER

AP Network DAS

SELECT MANUFACTURER

- 3Com/Trapeze
- Aerohive
- Air Magnet
- Apple
- AirDefense
- Aruba Networks
- Bluesocket
- Cisco**
- D-Link
- Enterasys
- Extreme Networks
- HP
- Juniper
- Linksys
- Meraki
- Meru
- Motorola
- Netgear
- Orinoco
- Proxim's Tsunami
- Ruckus
- Secnet
- Siemens
- SonicWALL



3) Select the Mfg. Model Number

4) Select SEARCH

ENCLOSURE FINDER

AP Network DAS

Cisco

SELECT MODEL #

- 1130AG/500 Series
- 1040/1140/3500i/3600i Series**
- 1230 Series
- 1240 Series
- 1250 Series
- 1260/3500e/3600e Series
- WAP4410N
- Valet/Valetplus/AP600



ENCLOSURE FINDER

AP Network DAS

Cisco

1040/1140/3500i/3600i Series

SEARCH

[Don't See Your Model #?](#)

Model 1052-00

Suspended Ceiling Enclosure for WAPs with Detachable Antennas

The Model 1052-00 wireless LAN access point enclosure is a locking 2' x 2' suspended ceiling tile enclosure for wireless access points and DAS remote units with detachable antennas. This aesthetic, white powder coated steel enclosure conveniently replaces a standard ceiling tile, and simplifies access point moves, adds, changes and maintenance. This model has openings in the door to mount up to seven external antennas. The 1052 series has interchangeable retrofit doors, allowing current owners to install new AP or antenna solutions from different vendors, simply by swapping doors.



Model 1052-00 shown with (4) optional Oberon 34-ZDUAL Antennas and Cisco 3600e WAP (not included)

Features

- 2' x 2' suspended ceiling tile-like enclosure designed to secure and protect most vendor's wireless access points, DAS remote units, and other networking gear
- Universal T-bar mounting bracket allows easy installation of most vendors' access points
- UL listed and designed to meet National Electric Code Paragraphs 300-22 and 300-23 for installation in the above ceiling space; OSHPD approved (OPA File No. 1638-10)
- Durable, attractive, textured powder coat finish matches many ceiling tiles
- Fully-hinged locking door, keyed alike
- Interchangeable doors permit simple migration to new access points and antennas
- Enclosure back box is effective dust barrier to simplify ICRA procedure compliance

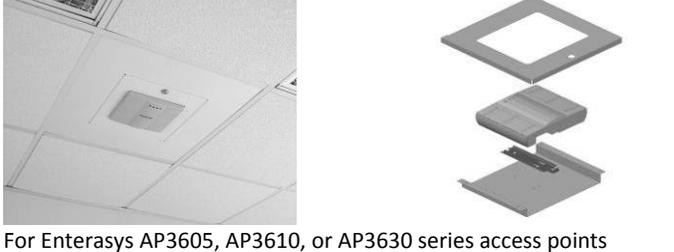
Model 1052-00

Suspended Ceiling Enclosure for WAPs with Detachable Antennas

Specifications

- This is an all steel enclosure, so antennas must be mounted externally using optional bulkhead connectors (Oberon P/N 35-BULKHD-KIT), Oberon 34-ZDUAL antennas, or other thru-hole ceiling mounted antennas with <1" diameter stud
- Back-box is 16 ga. galvanized steel; door and flange are textured, white powder-coated steel. RoHS compliant
- Size: Flange is 23 3/4" x 23 3/4", back-box is 12 1/2" x 12 1/2" x 4 1/2" deep
- Maximum weight to be installed inside the unit is 25 lbs.
- Enclosure must be supported by the building structure, independent of the suspended ceiling

Model 1052/1052 Configurations

<p>Model 1052-AP135</p>  <p>For Aruba Networks AP-135 access points</p>	<p>Model 1052-AN</p>  <p>For Aruba Networks APs w/ detachable antennas (AP-60, AP-70, AP-120, AP-124)</p>
<p>Model 1052-AN-ANT16</p>  <p>For Aruba Networks access points w/ detachable antennas (AP-60, AP-70, AP-120, AP-124)</p>	<p>Model 1052-CCOAP</p>  <p>For Cisco 1140/1260/3500/3600/3700 series wireless access points</p>
<p>Model 1052-DOME</p>  <p>For Aruba Networks' and other vendors' access points with <i>non-detachable</i> antennas (AP-100, AP-120, AP-130 series)</p>	<p>Model 1052-ENT3610</p>  <p>For Enterasys AP3605, AP3610, or AP3630 series access points</p>
<p><i>Wireless APs not included. Other door styles are available. Please visit the Oberon website or contact your Oberon representative.</i></p>	

Model 1052-00

Suspended Ceiling Enclosure for WAPs with Detachable Antennas

Includes

- (1) unit per carton
- (1) Internal universal access point mounting T-bar bracket
- (4) Hanger wires
- (1) cable egress fire stop kit ($\frac{3}{4}$ " trade size conduit connector, and fire block stop insert)
- (2) keys for lock
- (4) White cosmetic screw caps, and (4) #10 ceiling/wall attachment screws
- Installation Instructions
- Shipping Weight: 22 lbs.

Accessories

- P/N 34-ZDUAL-RPSMA- color matched dual band omni antenna with 18" pigtail and RPSMA connector
- P/N 34-ZDUAL-RPTNC - color matched dual band omni antenna with 18" pigtail and RPTNC connector
- P/N 34-BMANT24- 2.4 GHz color matched omni antenna with 12" pigtail and RPTNC connector
- P/N 34-BMANT5- 5 GHz band color matched omni antenna with 12" pigtail and RPTNC connector
- P/N 34-PATCH-RPTNCM- 2.4 GHz, 8 dB gain, directional antenna with 8" pigtail and RPTNC connector
- P/N 34-MULTI-CARRIER – multi-band, multi carrier 700 MHz/Cellular/PCS/Wi-Fi ceiling mounted antenna
- P/N 35-BLKHD-KIT-RPTNC – 18" jumper cable with RPTNC connectors on both ends, bulkhead connector and plastic ring designed to fit into $\frac{3}{4}$ " trade knockout. For mounting external antennas
- P/N 35-BLKHD-KIT-RPSMA – 18" jumper cable with RPSMA connectors on both ends, bulkhead connector and plastic ring designed to fit into $\frac{3}{4}$ " trade knockout. For mounting external antennas
- P/N 35-CBXJ2WH-A surface mount modular receptacle to terminate horizontal cable in the enclosure
- P/N 1790 – PoE interlock- disconnects power and notifies when enclosure door has been opened

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Rev. 10/16/2013

Model 1052-T

Suspended Ceiling Enclosure for WAPs with Detachable Antennas

The Model 1052-T wireless LAN access point enclosure is a locking 2' x 2' suspended ceiling tile enclosure for wireless access points and DAS remote units with detachable antennas. This aesthetic, white powder-coated steel enclosure conveniently replaces a standard ceiling tile and simplifies access point moves, adds, changes and maintenance. The "-T" enclosures have a beveled flange which mimics the tegular ceiling tiles used in recessed grid ceiling systems, providing superior appearance. The 1052 series has interchangeable retrofit doors, allowing current owners to install new AP or antenna solutions from different vendors, simply by swapping doors.



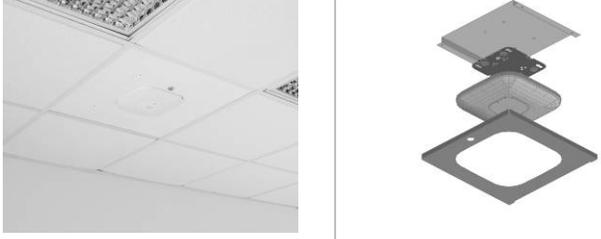
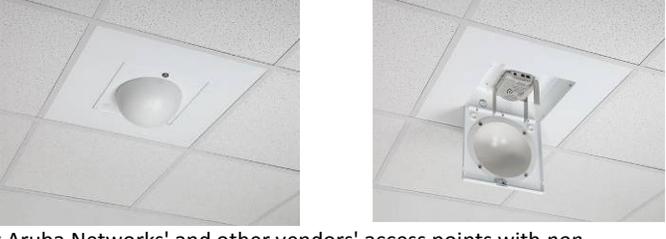
Model 1052-T shown with Cisco 3500e and (6) AIR-ANT2422SDW-R antennas (not included)

Specifications:

- 2' x 2' suspended ceiling tile-like enclosure for most vendors' wireless access points and DAS remote units. APs attach to internal universal T-Bar bracket
- UL listed and designed to meet National Electric Code paragraphs 300-22 and 300-23 for use in the above-ceiling space; OSHPD approved
- Enclosure back-box is effective dust barrier to simplify ICRA procedure compliance
- This is a steel enclosure, so antennas MUST be mounted externally on the door. Accommodates up to (7) external antennas using the bulkhead connector kit for dipole antennas (Oberon P/N 35-BULKHD-KIT), Oberon 34-ZDUAL antennas, or other thru-hole ceiling mounted antennas with <1" diameter stud
- Back-box is 16 ga. galvanized steel. Door and flange are textured, white powder-coated steel
- Fully-hinged locking door, keyed alike. Door can be replaced to migrate to new APs and antennas
- Size: Flange is 23 3/4" x 23 3/4" with 3/8" bevel on perimeter, back-box is 12 1/2" x 12 1/2" x 4 1/2" deep
- Maximum weight to be installed in the unit is 25 lbs.
- Enclosure must be supported by the building structure, independent of the suspended ceiling

Model 1052 Configurations

Suspended Ceiling Enclosure for WAPs with Detachable Antennas

<p>Model 1052-AP135-T</p>  <p>For Aruba Networks AP-135 access points</p>	<p>Model 1052-AN-T</p>  <p>For Aruba Networks APs w/ detachable antennas (AP-60, AP-70, AP-120, AP-124)</p>
<p>Model 1052-AN-ANT16-T</p>  <p>For Aruba Networks access points w/ detachable antennas (AP-60, AP-70, AP-120, AP-124)</p>	<p>Model 1052-CCOAP-T</p>  <p>For Cisco 1140/1260/3500/3600/3700 series wireless access points</p>
<p>Model 1052-DOME-T</p>  <p>For Aruba Networks' and other vendors' access points with <i>non-detachable</i> antennas (AP-100, AP-120, AP-130 series)</p>	<p>Model 1052-ENT3610-T</p>  <p>For Enterasys AP3605, AP3610, or AP3630 series access points</p>

Wireless APs not included. Other door styles are available. Please visit the Oberon website or contact your Oberon representative.

Model 1052-00-T Includes:

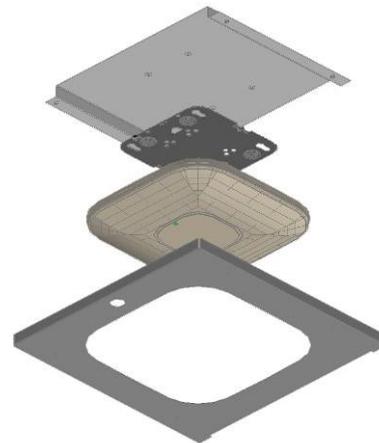
- 1 Unit per carton
- Internal universal access point mounting T-bar bracket
- (4) hanger wires
- (1) cable egress fire block kit ($\frac{1}{2}$ " trade size conduit connector and fire block foam insert)
- (2) Keys for lock
- Installation instructions
- Shipping weight is 22 lbs.

Rev. 3/12/2013

Model 1052-CCOAP

Suspended Ceiling Enclosure for Cisco WAPs

The Model 1052-CCOAP wireless LAN access point enclosure is a locking 2' x 2' suspended ceiling tile enclosure designed specifically for mounting and securing Cisco wireless access points with internal antennas. This aesthetic, white powder coated steel enclosure conveniently replaces a standard ceiling tile, and simplifies access point moves, adds, changes and maintenance. The access point is fastened into the door, and when the door is closed and locked, the AP is secured. From the ceiling mounted location, the access point provides ideal wireless coverage. The 1052 series has interchangeable retrofit doors, allowing current owners to install new AP or antenna solutions from different vendors, simply by swapping doors.



- 1) Model 1052-CCOAP and Cisco 1142 AP (not included)
- 2) Exploded view of the door, access point, access point mounting bracket, and assembly mount bracket

Features

- 2' x 2' suspended ceiling tile-like enclosure for Cisco wireless access points. APs mounts into door. Recommend using Cisco AIR-AP-BRACKET-2
- Universal T-bar mounting bracket allows easy installation of most vendors' access points
- UL listed and designed to meet National Electric Code Paragraphs 300-22 and 300-23 for installation in the above ceiling space; OSHPD approved (OPA File No. 1638-10)
- Durable, attractive, textured powder coat finish matches many ceiling tiles
- Fully-hinged locking door, keyed alike
- Interchangeable doors permit simple migration to new access points and antennas
- Enclosure back box is effective dust barrier to simplify ICRA procedure compliance

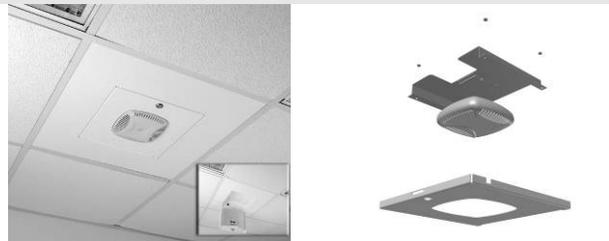
Model 1052-CCOAP

Suspended Ceiling Enclosure for Cisco WAPs

Specifications

- Back-box is 16 ga. galvanized steel; door and flange are textured, white powder-coated steel. RoHS compliant
- Size: Flange is 23 ¾" x 23 ¾", back-box is 12 ½" x 12 ½" x 4 ½" deep
- Maximum weight to be installed inside the unit is 25 lbs.
- Enclosure must be supported by the building structure, independent of the suspended ceiling

Model 1052/1052 Configurations

<p>Model 1052-AP135</p>  <p>For Aruba Networks AP-135 access points</p>	<p>Model 1052-AN</p>  <p>For Aruba Networks APs w/ detachable antennas (AP-60, AP-70, AP-120, AP-124)</p>
<p>Model 1052-AN-ANT16</p>  <p>For Aruba Networks access points w/ detachable antennas (AP-60, AP-70, AP-120, AP-124)</p>	<p>Model 1052-CCOAP</p>  <p>For Cisco 1140/1260/3500/3600/3700 series wireless access points</p>
<p>Model 1052-DOME</p>  <p>For Aruba Networks' and other vendors' access points with <i>non-detachable</i> antennas (AP-100, AP-120, AP-130 series)</p>	<p>Model 1052-ENT3610</p>  <p>For Enterasys AP3605, AP3610, or AP3630 series access points</p>

Wireless APs not included. Other door styles are available. Please visit the Oberon website or contact your Oberon representative.

Model 1052-CCOAP

Suspended Ceiling Enclosure for Cisco WAPs

Includes

- (1) unit per carton
- (4) Access Point Mounting Screws
- (4) Hanger wires
- (1) cable egress fire stop kit ($\frac{3}{4}$ " trade size conduit connector, and fire block stop insert)
- (2) keys for lock
- (4) White cosmetic screw caps, and (4) #10 ceiling/wall attachment screws
- Installation Instructions
- Shipping Weight: 22 lbs.

Accessories

- P/N 34-ZDUAL-RPSMA- color matched dual band omni antenna with 18" pigtail and RPSMA connector
- P/N 34-ZDUAL-RPTNC - color matched dual band omni antenna with 18" pigtail and RPTNC connector
- P/N 34-BMANT24- 2.4 GHz color matched omni antenna with 12" pigtail and RPTNC connector
- P/N 34-BMANT5- 5 GHz band color matched omni antenna with 12" pigtail and RPTNC connector
- P/N 34-PATCH-RPTNCM- 2.4 GHz, 8 dB gain, directional antenna with 8" pigtail and RPTNC connector
- P/N 34-MULTI-CARRIER – multi-band, multi carrier 700 MHz/Cellular/PCS/Wi-Fi ceiling mounted antenna
- P/N 35-BLKHD-KIT-RPTNC – 18" jumper cable with RPTNC connectors on both ends, bulkhead connector and plastic ring designed to fit into $\frac{3}{4}$ " trade knockout. For mounting external antennas
- P/N 35-BLKHD-KIT-RPSMA – 18" jumper cable with RPSMA connectors on both ends, bulkhead connector and plastic ring designed to fit into $\frac{3}{4}$ " trade knockout. For mounting external antennas
- P/N 35-CBXJ2WH-A surface mount modular receptacle to terminate horizontal cable in the enclosure
- P/N 1790 – PoE interlock- disconnects power and notifies when enclosure door has been opened

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Rev. 11/14/2013

Model 1052-DOME

Suspended Ceiling Enclosure for WAPs with Detachable Antennas

The Model 1052-DOME wireless LAN access point enclosure is a locking, 2' x 2' suspended ceiling tile enclosure designed for Aruba Network's, and other vendor's, access points with *non-detachable* antennas (AP-100, AP-120, AP-130 series). This aesthetic, white powder coated steel enclosure has an impact resistant, RF transparent dome that extends only 4.5" below the ceiling plane. Access points attach to interior T-bar bracket. The 1052 series has interchangeable retrofit doors, allowing current owners to install new AP or antenna solutions from different vendors, simply by swapping doors.



Model 1052-DOME shown with Aruba Networks AP-121 (not included)

Features

- Ceiling tile enclosure designed for Aruba Network's, and other vendor's, access points with integrated, detachable, or non-detachable antennas (AP-100, AP-120, AP-130 series)
- Access points attach to universal T-bar bracket on the interior
- UL listed and designed to meet National Electric Code Paragraphs 300-22 and 300-23 for installation in the above ceiling space; OSHPD approved (OPA File No. 1638-10)
- Durable, attractive, textured powder coat finish matches many ceiling tiles
- Fully-hinged locking door, keyed alike
- Interchangeable doors permit simple migration to new access points and antennas
- Enclosure back box is effective dust barrier to simplify ICRA procedure compliance

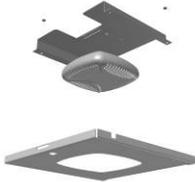
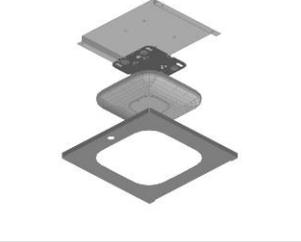
Model 1052-DOME

Suspended Ceiling Enclosure for WAPs with Detachable Antennas

Specifications

- Back-box is 16 ga. galvanized steel; door and flange are textured, white powder-coated steel. RoHS compliant
- Dome is 9" dia. UL 94-5VA classified, impact resistant, RF transparent, textured white ABS plastic
- Size: Flange is 23 3/4" x 23 3/4", back-box is 12 1/2" x 12 1/2" x 4 1/2" deep
- Maximum weight to be installed inside the unit is 25 lbs.
- Enclosure must be supported by the building structure, independent of the suspended ceiling
- De-rate upper operating temperature limit from +50°C to +40°C when AP in the enclosure

Model 1052/1052 Configurations

<p>Model 1052-AP135</p>   <p>For Aruba Networks AP-135 access points</p>	<p>Model 1052-AN</p>   <p>For Aruba Networks APs w/ detachable antennas (AP-60, AP-70, AP-120, AP-124)</p>
<p>Model 1052-AN-ANT16</p>   <p>For Aruba Networks access points w/ detachable antennas (AP-60, AP-70, AP-120, AP-124)</p>	<p>Model 1052-CCOAP</p>   <p>For Cisco 1140/1260/3500/3600/3700 series wireless access points</p>
<p>Model 1052-DOME</p>   <p>For Aruba Networks' and other vendors' access points with <i>non-detachable</i> antennas (AP-100, AP-120, AP-130 series)</p>	<p>Model 1052-ENT3610</p>   <p>For Enterasys AP3605, AP3610, or AP3630 series access points</p>

Wireless APs not included. Other door styles are available. Please visit the Oberon website or contact your Oberon representative.

Model 1052-DOME

Suspended Ceiling Enclosure for WAPs with Detachable Antennas

Includes

- (1) unit per carton
- (1) Internal universal access point mounting T-bar bracket
- (4) Hanger wires
- (1) cable egress fire stop kit ($\frac{3}{4}$ " trade size conduit connector, and fire block stop insert)
- (2) keys for lock
- (4) White cosmetic screw caps, and (4) #10 ceiling/wall attachment screws
- Installation Instructions
- Shipping Weight: 13 lbs.

Accessories

- P/N 34-ZDUAL-RPSMA- color matched dual band omni antenna with 18" pigtail and RPSMA connector
- P/N 34-ZDUAL-RPTNC - color matched dual band omni antenna with 18" pigtail and RPTNC connector
- P/N 34-BMANT24- 2.4 GHz color matched omni antenna with 12" pigtail and RPTNC connector
- P/N 34-BMANT5- 5 GHz band color matched omni antenna with 12" pigtail and RPTNC connector
- P/N 34-PATCH-RPTNCM- 2.4 GHz, 8 dB gain, directional antenna with 8" pigtail and RPTNC connector
- P/N 34-MULTI-CARRIER – multi-band, multi carrier 700 MHz/Cellular/PCS/Wi-Fi ceiling mounted antenna
- P/N 35-BLKHD-KIT-RPTNC – 18" jumper cable with RPTNC connectors on both ends, bulkhead connector and plastic ring designed to fit into $\frac{3}{4}$ " trade knockout. For mounting external antennas
- P/N 35-BLKHD-KIT-RPSMA – 18" jumper cable with RPSMA connectors on both ends, bulkhead connector and plastic ring designed to fit into $\frac{3}{4}$ " trade knockout. For mounting external antennas
- P/N 35-CBJ2WH-A surface mount modular receptacle to terminate horizontal cable in the enclosure
- P/N 1790 – PoE interlock- disconnects power and notifies when enclosure door has been opened

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Rev. 1/17/2013

Model 1057-00

Suspended Ceiling Enclosure with ABS Dome

Oberon's Model 1057-00 suspended ceiling enclosure provides a secure, aesthetic, convenient mounting solution for wireless access points and DAS remote units from most vendors. The enclosure has a low profile, impact resistant ABS dome so that wireless access points with integrated or non-detachable antennas can be secured in otherwise unsecured spaces. The product is UL Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space. Locks are "keyed-alike" to simplify moves, adds, and changes.



Oberon Model 1057-00

Features

- 2' x 2' suspended ceiling tile wireless access point or DAS remote unit enclosure designed to accommodate wireless access points and DAS remote units from most vendors with integrated or non-detachable antennas
- UL listed and designed to meet National Electric Code Paragraphs 300-22 and 300-23 for installation in the above ceiling space; OSHPD approved (OPA File No. 1638-10)
- Universal T-bar mounting bracket allows easy installation of most vendors' access points
- Shallow back box (2.7") simplifies installation in ceilings with little space above ceiling tiles
- Durable, attractive, textured powder coat finish matches many ceiling tiles
- Durable, attractive ABS plastic dome is virtually transparent to wireless signals
- Fully-hinged locking door, keyed alike
- Enclosure back box is effective dust barrier to simplify ICRA procedure compliance

Model 1057-00

Suspended Ceiling Enclosure with ABS Dome

Specifications

- The enclosure back box, door frame, and flange are steel, so WAP must be installed such that antennas, (or face of WAP if antennas are integrated) are largely within the ABS plastic dome. There is little impact on WAP coverage with antennas largely inside dome.
- Back-box is 16 ga. galvanized steel; door and flange are textured, white powder-coated steel. RoHS compliant
- Dome is 12" x 12" x 2", UL 94-5VA, impact resistant, RF transparent, textured white ABS plastic
- Size: Flange is 23 ¾" x 23 ¾", back-box is 18.6" x 18.6" x 2.7" deep. Total depth is 4.7"
- Maximum weight to be installed inside the unit is 25 lbs.
- De-rate upper operating temperature limit from +50°C to +40°C when AP in the enclosure
- Enclosure must be supported by the building structure, independent of the suspended ceiling

Includes

- (1) unit per carton
- (1) Internal universal access point mounting T-bar bracket
- (4) Hanger wires
- (1) cable egress fire stop kit (¾" trade size conduit connector, and fire block stop insert)
- (2) keys for lock
- Installation Instructions
- Shipping Weight: Approximately 19 lbs.

Accessories

- P/N 35-CBJ2WH-A surface mount modular receptacle to terminate horizontal cable in the enclosure
- P/N 1790 – PoE interlock- disconnects power and notifies when enclosure door has been opened

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Model 1058-08

Suspended Ceiling Mounted NEMA 4 Enclosure for Wireless Equipment

The Model 1058 is a suspended ceiling (-CF) or hard lid ceiling (-BF) enclosure designed to protect critical wireless access points, DAS remote units, and public safety equipment with detachable antennas. This aesthetic, white powder coated water and dust proof steel enclosure has knockouts in the hinged door for ceiling mounted antennas or water resistant bulkhead connectors for antennas. The Model 1058-08 is deep enough to accommodate the Cisco 3600 series and other large wireless access points, and DAS remote access units, with external connectors and up to five antennas. This is the only ceiling enclosure which is both plenum rated and designed to provide NEMA 4 dust and water protection.



Model 1058-08 shown with (4) optional Oberon 34-DMDUAL Antennas and Cisco 3600 WAP (not included)

Features:

- Suspended or recessed hard lid ceiling enclosure designed to meet NEMA 1, 2, 4, 4X, 12k and IP65 for protection of critical wireless, networking, and public safety equipment in ceiling spaces
- UL Listed and designed to meet National Electric Code paragraph 300-22(C) and 300-23 for use in the above-ceiling (plenum) space
- Universal T-bar mounting bracket allows easy installation of most vendors' access points
- Durable, attractive textured powder coat finish matches most ceiling tiles
- Knockouts in cover and backbox for field installed, external, body mount antennas or bulkhead connectors. See *accessories*
- Fully hinged door clamps to the back box with keyed quarter turn latch for a watertight seal
- Enclosure back box is an effective dust barrier to simplify ICRA procedure compliance in Hospitals

Model 1058-08

Suspended Ceiling Mounted NEMA 4 Enclosure for Wireless Equipment

Specifications:

- This is an all steel enclosure, so antennas must be mounted externally using optional bulkhead connectors (Oberon P/N 35-BULKHD-KIT), Oberon 34-24BMANT or 34-5BMANT antennas, Oberon 34-DMDUAL antennas, or other thru-hole ceiling mounted antennas with <1" diameter stud
- UL listed
- Back-box and cover are 16 ga. textured, white powder-coated steel. Flange is 18 ga. textured, white powder-coated steel. Internal panel is 14 ga zinc plated steel. RoHS compliant
- Multiple knockouts in cover and back box for installation of antennas, connectors, and cables. Follow installation instructions to preserve water and dust resistance of enclosure
- Size: See Configurations
- Max. weight to be installed in the enclosure is 25 lbs. OSHPD approved up to 25 lbs. total weight (OPA # 1638)
- When enclosure is mounted in suspended ceiling, enclosure must be supported by the building structure, independent of the suspended ceiling

Configurations

- Model 1058-08-CF: 15 ¾" x 15 ¾" x 8" deep back box, 23 ¾" flange fits standard (U.S.) 2' x 2' ceiling grid
- Model 1058-08-BF: 15 ¾" x 15 ¾" x 8" deep back box, 20.0" beveled flange for hard ceilings and walls

Includes:

- (1) unit per carton
- (1) Internal universal equipment mounting panel and T-bar bracket
- (4) Stainless steel mounting feet and mounting hardware
- (1) cable egress fire stop kit (¾" trade size conduit connector, and fire stop foam insert)
- (8) hanger wires
- Assembly and Installation instructions
- (4) screw caps
- (4) self-tapping screws
- Shipping Weight 1058-08-CF – 33 lbs, 1058-08-BF – 31.5 lbs

Model 1058-08

Suspended Ceiling Mounted NEMA 4 Enclosure for Wireless Equipment

Accessories:

- P/N 34-BMANT24- 2.4 GHz color matched omni -directional antenna with 12” pigtail, RPTNC connector and gasket
- P/N 34-BMANT5- 5 GHz band color matched omni-directional antenna with 12” pigtail and RPTNC connector and gasket
- P/N 34-DMDUAL- 2.4 and 5 GHz color matched omni -directional antenna with 12” pigtail and RPTNC connector and gasket
- P/N 34-PATCH-RPTNCM- 2.4 GHz, 8 dB gain, directional antenna with 8” pigtail and RPTNC connector
- P/N 34-MULTI-CARRIER – multi-band, multi carrier 700 MHz/Cellular/PCS/Wi-Fi ceiling mounted antenna
- The P/N 35-NFBLKHD- Type N bulkhead connector with o-ring seal
- Gasket Material for External antenna
- P/N 35-CORD-KIT – Cable ingress/egress fitting

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Rev. 11/22/2013

Model 1059-00

Suspended Ceiling Enclosure with ABS Dome

Oberon's Model 1059-00 suspended ceiling enclosure provides a secure, aesthetic, convenient mounting solution for wireless access points and DAS remote units from most vendors. The enclosure has a low profile, impact resistant ABS dome so that wireless access points with integrated or non-detachable antennas can be secured in otherwise unsecured spaces. The product is UL Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space. Locks are "keyed-alike" to simplify moves, adds, and changes.



Oberon Model 1059-00

Features

- 2' x 2' suspended ceiling tile wireless access point or DAS remote unit enclosure designed to accommodate wireless access points and DAS remote units from most vendors with integrated or non-detachable antennas
- UL listed and designed to meet National Electric Code Paragraphs 300-22 and 300-23 for installation in the above ceiling space; OSHPD approved (OPA File No. 1638-10)
- Universal T-bar mounting bracket allows easy installation of most vendors' access points
- Shallow back box (2.7") simplifies installation in ceilings with little space above ceiling tiles
- Durable, attractive, textured powder coat finish matches many ceiling tiles
- Durable, attractive ABS plastic dome is virtually transparent to wireless signals
- Fully-hinged locking door, keyed alike
- Enclosure back box is effective dust barrier to simplify ICRA procedure compliance

Model 1059-00

Suspended Ceiling Enclosure with ABS Dome

Specifications

- The enclosure back box, door frame, and flange are steel, so WAP must be installed such that antennas, (or face of WAP if antennas are integrated) are largely within the ABS plastic dome. There is little impact on WAP coverage with antennas largely inside dome.
- Back-box is 16 ga. galvanized steel; door and flange are textured, white powder-coated steel. RoHS compliant
- Dome is 14" x 14" x 4", UL 94-5VA, impact resistant, RF transparent, textured white ABS plastic
- Size: Flange is 23 ¾" x 23 ¾", back-box is 18.6" x 18.6" x 2.7" deep. Total depth is 4.7"
- Maximum weight to be installed inside the unit is 25 lbs.
- De-rate upper operating temperature limit from +50°C to +40°C when AP in the enclosure
- Enclosure must be supported by the building structure, independent of the suspended ceiling

Includes

- (1) unit per carton
- (1) Internal universal access point mounting T-bar bracket
- (4) Hanger wires
- (1) cable egress fire stop kit (¾" trade size conduit connector, and fire block stop insert)
- (2) keys for lock
- Installation Instructions
- Shipping Weight: Approximately 20 lbs.

Accessories

- P/N 35-CBXJ2WH-A surface mount modular receptacle to terminate horizontal cable in the enclosure
- P/N 1790 – PoE interlock- disconnects power and notifies when enclosure door has been opened

Customer Print and Installation Instructions

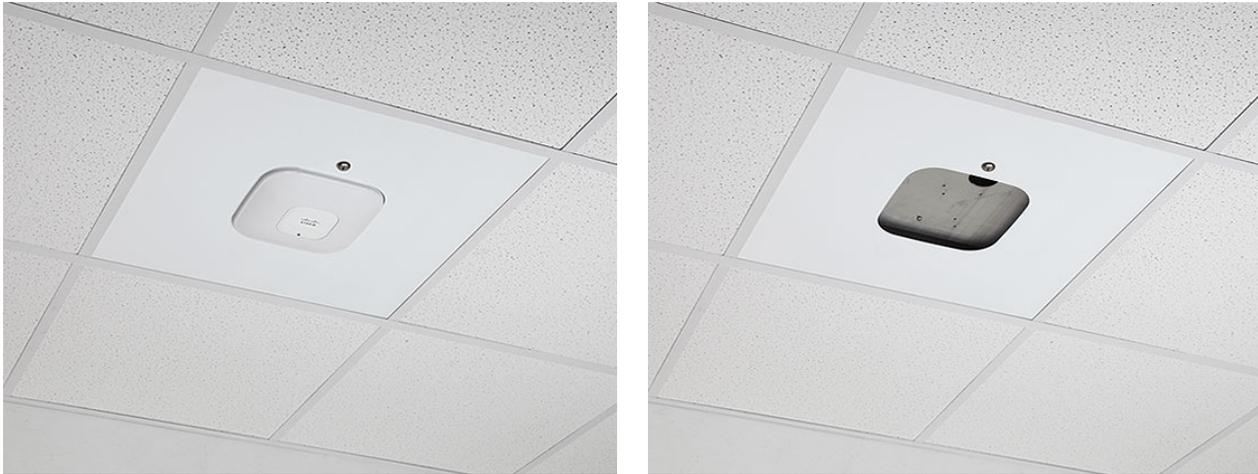
Visit www.oberonwireless.com

Rev. 11/13/2013

Model 1064-00 & 1064-T

Suspended Ceiling Cisco Access Point Mount

The Model 1064-00 wireless access point ceiling mount is designed to provide a secure, convenient, and aesthetic mounting solution for the Cisco 1040/1140/1260/1600/2600/3500/3600/3700 series 802.11n access points. This aesthetic, white powder coated steel 2' x 2' ceiling tile-like mount locks the access point in place with a patented locking mechanism. Access point moves, adds, and changes can be performed without removing the mount from the ceiling. No ceiling tile cuts are required for installation.



Model 1064-00 shown with Cisco 1140 series AP (not included)

Features

- Economical 2' x 2' suspended ceiling mount designed specifically for aesthetic, secure mounting of the Cisco 1040/1140/1260/1600/2600/3500/3600/3700 series access points
- UL listed and designed to meet NEC300-22 and 300-23 for plenum installations, OSHPD approved patent pending locking mechanism, keyed alike, secures Cisco AP into the ceiling mount
- Enclosure back box is effective dust barrier to simplify ICRA procedure compliance

Specifications

- Use Cisco AIR-AP-BRACKET-2 for ALL series Cisco APs. For installing Cisco 1040/1140/1260/1600 and 3500 series access points, use Oberon P/N 39-STANDOFF spacers so that AP fits properly in mount
- Construction: 18 ga. textured white powder-coated steel flange, 16 ga. aluminum backbox.
- RoHS compliant
- Size: 23 ¾" x 23 ¾" x 2" deep
- Mount must be supported by the building structure independent of the suspended ceiling

Model 1064-00 & 1064-T

Suspended Ceiling Cisco Access Point Mount

Model 1064-T Version

The Model 1064-T is identical to the 1064-00 except that it features a 3/8" bevel in the flange around the perimeter, to match "tegular" ceiling tiles commonly used in new construction and renovations. The tegular ceiling tiles are used in a ceiling system with a recessed grid. The 1064-T provides the best appearance in a recessed grid ceiling system.



Model 1064-T shown with Cisco 1140 series AP (not included)

Includes

- (1) cable egress fire block kit (1/2" trade size conduit connector, and fire block foam insert)
- (2) keys for lock
- (4) Hanger wires
- Installation Instructions
- Shipping Weight: 24lbs with 2 units per carton, 13lbs with 1 unit per carton

Accessories

- P/N 39-STANDOFF: standoff which properly seat the Cisco 1040/1140/1260/1600 and 3500 series APs into the 1064

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Rev. 10/16/2013

Model 1066-00

Suspended Ceiling Aruba Networks Access Point Mount

The Model 1066-00 wireless access point ceiling mount is designed to provide a secure, convenient, and aesthetic mounting solution for the Aruba Networks AP-135 series 802.11n access points. This aesthetic, white powder coated steel 2' x 2' ceiling tile-like mount locks the access point in place with a patent pending locking mechanism. Access point moves, adds, and changes can be performed without removing the mount from the ceiling. No ceiling tile cuts are required for installation. The Model 1066-T features a 3/8" bevel in the flange around the perimeter, to match "tegular" ceiling tiles commonly used in new construction and renovations.



Model 1066-00 shown with Aruba Networks AP-135 series Wireless Access Point (not included)

Features

- Economical 2' x 2' suspended ceiling mount designed specifically for aesthetic, secure mounting of the Aruba Networks AP-135 series 802.11n wireless access points
- UL listed and designed to meet NEC300-22 and 300-23 for plenum installations, OSHPD approved patent pending locking mechanism, keyed alike, secures Cisco AP into the ceiling mount
- Enclosure back box is effective dust barrier to simplify ICRA procedure compliance

Specifications

- Construction: 18 ga. textured white powder-coated steel flange, 16 ga. aluminum backbox.
- RoHS compliant
- Size: 23 3/4" x 23 3/4" x 2" deep
- Mount must be supported by the building structure independent of the suspended ceiling

Model 1066-00

Suspended Ceiling Aruba Networks Access Point Mount

Includes

- (1) cable egress fire block kit (½" trade size conduit connector, and fire block foam insert)
- (2) keys for lock
- (4) Hanger wires
- Installation Instructions
- Shipping Weight: 24lbs with 2 units per carton, 13lbs with 1 unit per carton

Accessories

- P/N 39-STANDOFF: standoff which properly seat the Cisco 1040/1140/1260/1600 and 3500 series APs into the 1066

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Rev. 11/14/2013

Model 1068-00

Suspended Ceiling Access Point Mount

Oberon's Model 1068-00 universal wireless access point ceiling mount is designed to provide a secure, convenient, and aesthetic mounting solution for most vendors wireless access points and DAS remote units. This aesthetic, white powder coated steel 2' x 2' ceiling tile-like mount locks the access point in place with a patent pending locking mechanism. The access point is attached to a vendor model specific mounting plate, and the plate is locked in place into the ceiling tile. Access point moves, adds, and changes can be performed without removing the mount from the ceiling. No ceiling tile cuts are required for installation. Upgrades are performed without accessing the air handling space above the ceiling.



Model 1068-00 shown (Clockwise) without Wireless Access Point, Ruckus AP, Aruba Networks AP135, and Cisco

Features

- Economical 2' x 2' suspended ceiling mount designed specifically for aesthetic, secure mounting of wireless access points
- UL listed and designed to meet NEC300-22 and 300-23 for plenum installations, OSHPD approved patent pending locking mechanism, keyed alike, secures AP into the ceiling mount
- Enclosure back box is effective dust barrier to simplify ICRA procedure compliance

Model 1068-00

Suspended Ceiling Access Point Mount

Specifications

- Construction: 18 ga. textured white powder-coated steel flange, 16 ga. aluminum backbox.
- RoHS compliant
- Size: 23 3/4" x 23 3/4" x 2" deep
- Mount must be supported by the building structure independent of the suspended ceiling

The 68-XXXX is the Vendor Specific Mounting Plate number. These are attached to the access point/ DAS remote unit, which can then be locked into the 1068-00 ceiling mount. Select the appropriate mounting plate and order with the 1068-00.

Includes

- (1) cable egress fire block kit (1/2" trade size conduit connector, and fire block foam insert)
- (2) keys for lock
- (4) Hanger wires
- Installation Instructions
- Shipping Weight: 24lbs with 2 units per carton, 13lbs with 1 unit per carton

Accessories

ACCESS POINT/DAS REMOTE MANUFACTURER	ACCESS POINT / DAS REMOTE P/N	OBERON MOUNTING PLATE P/N	NOTES
Cisco	1140, 1260, 2600, 3500, 3600 series	68-CCOAP	Does not require cisco mounting bracket
Aruba Networks	AP115, AP135, AP225	68-AP135	
Ruckus	AP7300	68-AP7300	
Corning MobileAccess VE	MobileAccess VE pod	68-COR-VE	

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Model 1075 Series

Multimedia Gateway and Access Point Ceiling Enclosures

The Model 1075-Series multi-media ceiling enclosure is designed to provide a convenient way to mount and secure digital media gateways, wireless access points and other components in the ceiling. The 1075-Series are designed for wireless access points and wireless multi-media gateways such as the Apple TV. Once installed, this ceiling enclosure permits controlled access to components without lifting ceiling tiles. Interchangeable retrofit doors permit vendor and technology migrations, again, without lifting ceiling tiles. This aesthetic, aluminum and white powder coated steel enclosure fits into a cutout in the ceiling tile or drywall ceiling, and includes tile bridges and support wires to support the enclosure in the ceiling.



Model 1075-CP shown with Cisco 3500 AP (not included)

Specifications:

- 15" x 15" Ceiling tile insert telecommunications enclosure designed for securing most manufacturer's multimedia gateways, such as the Apple TV, and wireless access points
- Interchangeable doors permit simple customization and migration to vendor unique products
- Multimedia Gateways attach to clear plastic insert, access points attach to T-bar within enclosure
- UL Listed, designed to meet NEC300-22 and 300-23 for plenum installations
- Construction: 16 ga. clear coat aluminum back-box; 14 ga. textured white, powder coated steel door; textured white, powder coated steel flange; UL Classified domes
- Fully hinged locking door, keyed alike
- Knockouts for AC receptacle, (2) keystone jacks, (2) 3/4" trade conduit connector
- Size: flange is 15" x 15", back box is 12 3/4" x 12 3/4" x 3" deep
- Weight: 6.5 lbs (not including internal equipment)
- Enclosure must be supported by the building ceiling structural system, not the tile gridwork

Model 1075 Series

Multimedia Gateway and Access Point Ceiling Enclosures

Model 1075-Series Includes:

- (2) tile bridges, (2) support grid wires
- (1) cable egress fire block kit (½" trade size conduit connector, and fire block foam insert)
- Mounting Instructions

Interchangeable doors allow the 1075-Series ceiling enclosure to be customized to different vendor's product.

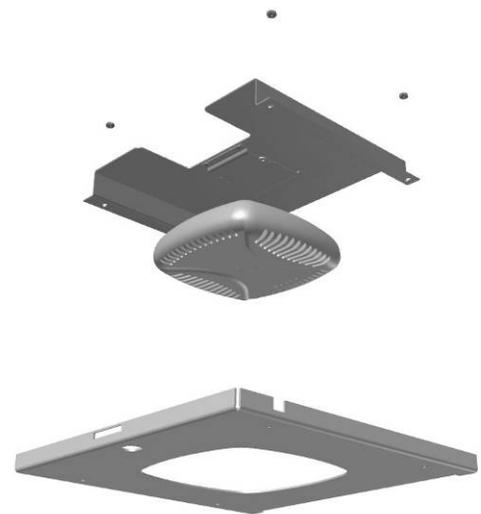
MODEL NUMBER	DESIGNED FOR	DESCRIPTION
1075-CP	Apple TV, other digital gateways, or wireless APs	Clear polycarbonate dome in door passes wireless and IR signal, digital gateway inside
1075-WA	Wireless APs	Opaque White ABS dome in door passes wireless signal, AP inside
1075-CCOAP	Cisco Access Points	Cisco AP is locked into door, fully exposing front of AP
1075-AN-AP135	Aruba Networks AP	Aruba Networks AP-135 is locked into door, exposing front of AP
1075-00	External antennas	External antennas mount on door, AP inside. MUST use Oberon 35-BLKHD-KIT, 34-ZDUAL antennas, or ceiling mount antennas

Rev. 11/14/2013

Model 1077 Series

Ceiling Enclosure for Multimedia Gateway and WAPs

Oberon's Model 1077-AP135 wireless LAN access point enclosure is a locking, 2' x 2' ceiling tile enclosure designed specifically to conveniently mount and secure the Aruba Networks AP-135 wireless access point in the door. The enclosure is based on Oberon's popular 1077-00 universal wireless access point enclosure, with a door designed specifically for Aruba Networks AP135 wireless access point. No ceiling tile cuts are required for installation. The 1077 series has a shallow, 3" deep backbox to simplify installation where above ceiling space is limited. Migration to different styles of access points is achieved by simply unlocking and replacing the door.



Features

- 2' x 2' ceiling enclosure designed for Aruba Networks AP135 Wireless access point
- UL listed and designed to meet National Electric Code Paragraphs 300-22 and 300-23 for installation in the above ceiling space; OSHPD approved (OPA File No. 1638-10)
- Durable, attractive, textured powder coat finish matches most ceiling tiles
- Fully-hinged locking door, keyed alike
- Shallow back box (3") simplifies installation in ceilings with little space above ceiling tiles
- Interchangeable doors permit simple migration to new access points and antennas
- Enclosure back box is effective dust barrier to simplify ICRA procedure compliance

Model 1077 Series

Ceiling Enclosure for Multimedia Gateway and WAPs

Specifications

- Back-box is 16 ga. aluminum; door and flange are textured, white powder-coated steel. RoHS compliant
- Size: Flange is 23 3/4" X 23 3/4" . Back -box is 12 3/4" x 12 3/4" x 3" deep. Fits into standard (U.S.) 2' x 2' suspended ceiling systems
- Knockouts for AC receptacle, (2) keystone jacks, (2) 3/4" trade conduit connector
- Maximum weight to be installed inside the unit is 25 lbs.
- De-rate upper operating temperature limit from +50°C to +40°C when AP in the enclosure
- Enclosure must be supported by the building structure, independent of the suspended ceiling

Model 1077 Configurations

Interchangeable doors allow the 107X Series ceiling enclosure to be customized to different vendor's product.

MODEL NUMBER	DESIGNED FOR	DESCRIPTION
107X-CP	Apple TV, other digital gateways, or wireless APs	Clear polycarbonate dome in the door passes wireless and IR signal, digital gateway inside
107X-WA	Wireless APs	Opaque white ABS dome in the door passes wireless signal, AP inside
107X-CCOAP	Cisco Access Points	Cisco AP is locked into door, fully exposing front of AP
107X-AP135	Aruba Networks AP	Aruba Networks AP-135 is locked into door, exposing front of AP
107X-00	External antennas	External antennas mount on door, AP inside. MUST use Oberon 35-BLKHD-KIT, 34-ZDUAL antennas, or ceiling mount antennas

Includes

- (1) unit per carton
- (1) internal universal access point mounting T-bar bracket
- (4) Hanger wires
- (1) cable egress fire stop kit (3/4" trade size conduit connector, and fire stop foam insert)
- (2) keys for lock
- Installation Instructions
- Shipping Weight: Approximately 15.5 lbs.

Accessories

- P/N 35-CBXJ2WH-A surface mount modular receptacle to terminate horizontal cable in the enclosure

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Rev. 11/15/2013

Model 1010-00

Right Angle Wall Mount Bracket for Wireless Access Points

Many wireless access point manufacturers recommend that the access point be mounted in a horizontal orientation to achieve best wireless coverage. Horizontal mounting may be difficult in hard lid and other environments where the access point is mounted on the wall. Oberon's Model 1010-00 wireless LAN access point wall mount bracket is designed to mount and secure access points from most manufacturers in areas where wall mounting may be required. This aesthetic, white powder coated steel mounting bracket is ideal for mounting the access point in the preferred horizontal orientation in residence halls, hotels, and other hard lid venues. Conduit, raceways, and cable can be terminated in the bracket to provide for a clean appearance. The access point can be locked in place using the access point manufacturer's locking features.



Features and Specifications:

- Designed to enable wireless access points to be mounted in preferred horizontal orientation
- Integrated T-bar segment accommodates access points from most vendors
- Knockouts on two sides for cable ingress
- Can be mounted directly over telecommunications outlet
- Textured white powder coated steel construction
- Size: 9" deep x 6" wide x 5" tall
- Shipping weight: approximately 2.5 lbs.

Model 1015-00

Non-Metallic Surface Mount Lock Box for Wireless APs

The Model 1015 is a compact non-metallic enclosure designed to secure and protect Wi-Fi access points in residence halls, hotels, retail locations and other open indoor venues. This rugged ABS enclosure is virtually transparent to wireless signals so access points with body integrated antennas or small detachable antennas may be protected. This enclosure's curved cover is aesthetically pleasing and is available in white (1015-00) or frosted, translucent (1015-C). Telecommunications outlet can be placed inside, and cable raceway or conduit can be conveniently terminated.



Model 1015-00 shown with wireless access point (not included)

Features and Specifications

- 11" x 11" x 4" wall, or hard lid ceiling, surface mount locking non-metallic enclosure
- Durable injection molded UL94-HB ABS material construction, RoHS compliant
- Universal T-bar mounting bracket allows easy installation of most vendors' access points
- Opening in back allows placement directly over telecommunications outlet
- Knockouts in sidewalls for conduit or cable raceway
- Fully-hinged locking cover, keyed alike. Stainless steel hinge
- ABS material is virtually transparent to wireless signals, and is paintable

Model 1015-00

Non-Metallic Surface Mount Lock Box for Wireless APs

Configurations

MODEL 1015-00: White, textured ABS cover

MODEL 1015-C: frosted, translucent ABS cover. LEDs are visible through this cover

Includes

- (1) unit per carton
- (1) Internal universal access point mounting T-bar bracket
- (2) keys for lock
- Installation instructions
- Approximate shipping weight: 4 lbs.

Accessories

- P/N 35-CBJ2WH-A surface mount modular receptacle to terminate horizontal cable in the enclosure

Customer Print and Installation Instructions

(see www.oberonwireless.com for most current documentation)

Rev. 10/16/2013

Model 1029-00

Right Angle Wall Mount Bracket for Wireless Access Points

Many wireless access point manufacturers recommend that the access point be mounted in a horizontal orientation to achieve best wireless coverage. Horizontal mounting may be difficult in hard lid and other environments where the access point is mounted on the wall. Oberon's Model 1029-00 wireless LAN access point wall mount bracket is designed to mount and secure access points from most manufacturers in areas where wall mounting may be required. This aesthetic, white powder coated steel mounting bracket is ideal for mounting the access point in the preferred horizontal orientation in residence halls, hotels, and other hard lid venues. Conduit, raceways, and cable can be securely terminated inside the enclosure to provide for a clean appearance. The access point can be locked in place using the manufacturer's locking features.



Features and Specifications:

- Designed to enable wireless access points to be mounted in preferred horizontal orientation
- Integrated T-bar segment accommodates access points from most vendors
- Knockouts on two sides and top for cable ingress
- Can be mounted directly over telecommunications outlet
- 2 part construction, textured white powder coated steel right angle bracket and cover
- Size: 9" x 6" wide x 5" tall
- Shipping weight: approximately 4lbs

Rev 10/03/2013

Model 1030-00

“Hard-Lid” Ceiling or Wall, Surface Mount Enclosures for WAPs

Oberon’s Model 1030-00 “hard lid” or wall mount enclosure provides a secure, aesthetic, convenient mounting solution for wireless access points from most vendors. The enclosure has a low profile impact resistant ABS dome so that wireless access points with integrated or non-detachable antennas can be secured in otherwise unsecured spaces. The product is UL listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space. Locks are “keyed-alike” to simplify moves, adds, and changes.



Features

- 17” x 17” low profile steel and plastic surface mount enclosure designed to secure and protect most vendor’s wireless access points, DAS remote units, and other networking gear
- UL listed and designed to meet National Electric Code Paragraphs 300-22 and 300-23 for installation in the above ceiling space; OSHPD approved (OPA File No. 1638-10)
- Universal T-bar mounting bracket allows easy installation of most vendors’ wireless access points
- Durable, attractive, textured powder coat finish
- Durable, attractive ABS plastic is virtually transparent to wireless signals
- Fully-hinged locking door, keyed alike

Model 1030-00

“Hard-Lid” Ceiling or Wall, Surface Mount Enclosures for WAPs

Specifications

- Wireless access point enclosure designed to be surface mounted on “hard-lid” ceilings or walls.
- 17" x 17" x 1.7" back-box. Total depth of enclosure with dome is 3.7". Back box, door, and flange are textured, white powder-coated steel. RoHS compliant
- Dome is 12" x 12" x 2", UL 94-5VA, impact resistant, RF transparent, textured white ABS plastic
- Knockouts for ¾" trade conduit connectors and snap-in keystone jacks and connectors
- Knockouts in back box for telecommunications outlets
- Maximum weight to be installed inside the unit is 25 lbs.
- De-rate upper operating temperature limit from +50°C to +40°C when AP in the enclosure
- If enclosure is in ceiling, it must be supported by the building ceiling structural system, not tile gridwork

Includes

- (1) unit per carton
- (1) Internal universal access point mounting T-bar bracket
- (2) keys for lock
- (1) ¾" trade conduit connector
- Installation Instructions
- Shipping Weight: Approximately 13 lbs.

Accessories

- P/N 35-CBJ2WH-A surface mount modular receptacle to terminate horizontal cable in the enclosure

Customer Print and Installation Instructions

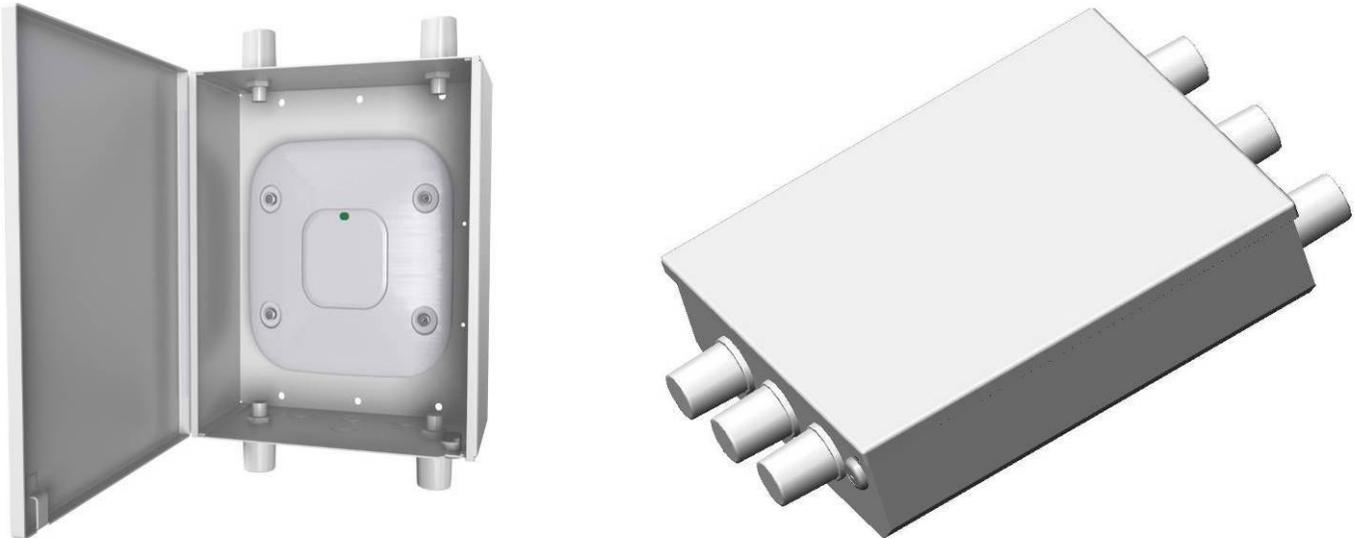
Visit www.oberonwireless.com

Rev. 10/17/2013

Model 1031-00

"Hard-Lid" Ceiling or Wall, Surface Mount Enclosures for WAPs

The Model 1031-00 is a locking, surface mounted wall or ceiling enclosure, designed to secure wireless access points and DAS remotes with detachable antennas from most manufacturers. This aesthetic, white powder-coated steel enclosure has seven knockouts for antennas, cables, conduit and raceway. The Model 1031-00 is large enough to accommodate the Cisco 3600 series and other large 802.11n wireless access points, and DAS remote access units, with up to six antennas.



Model 1031-00 shown with (6) Oberon 34-ZDUAL Antennas (Not Included)

Features

- Surface-mounted wall or hard ceiling enclosure for securing wireless access points and DAS remotes with detachable antennas
- Universal T-bar mounting bracket allows easy installation of most vendors' access points
- UL Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space
- Fully-hinged locking door, keyed alike
- Multiple knockouts on top and bottom surface for externally mounted antennas, connectors, and cable

Specifications

- This is an all steel enclosure, so antennas must be mounted externally using optional bulkhead connectors (Oberon P/N 35-BULKHD-KIT), Oberon 34-ZDUAL antennas, or other thru-hole ceiling mounted antennas with <1" diameter stud
- Construction: Textured white powder-coated steel, 16 ga. back-box and door. RoHS compliant
- Size: 11" x 12.5" x 5.9", 5.30" useful depth with universal mounting plate in place
- Maximum weight to be installed in the unit is 25 lbs.

Model 1031-00

Wall Mount Enclosures for WAPs

Includes

- (1) unit per carton
- (1) Internal T-bar bracket for mounting most manufacturers' access points
- (1) ¾" diameter conduit connector
- (2) Keys for lock
- Installation instructions
- Shipping weight: 10 lbs.

Accessories

- P/N 38-52-MNT-KIT Universal Mounting Plate for access points
- P/N 34-ZDUAL-RPSMA- color matched dual band omni antenna with 18" pigtail and RPSMA connector
- P/N 34-ZDUAL-RPTNC - color matched dual band omni antenna with 18" pigtail and RPTNC connector
- P/N 34-BMANT24- 2.4 GHz color matched omni antenna with 12" pigtail and RPTNC connector
- P/N 34-BMANT5- 5 GHz band color matched omni antenna with 12" pigtail and RPTNC connector
- P/N 34-PATCH-RPTNCM- 2.4 GHz, 8 dB gain, directional antenna with 8" pigtail and RPTNC connector
- P/N 35-BLKHD-KIT-RPTNC – 18" jumper cable with RPTNC connectors on both ends, bulkhead connector and plastic ring designed to fit into ¾" trade knockout. For mounting external antennas
- P/N 35-BLKHD-KIT-RPSMA – 18" jumper cable with RPSMA connectors on both ends, bulkhead connector and plastic ring designed to fit into ¾" trade knockout. For mounting external antennas
- P/N 35-CBJ2WH-A surface mount modular receptacle to terminate horizontal cable in the enclosure

Customer Print and Installation Instructions

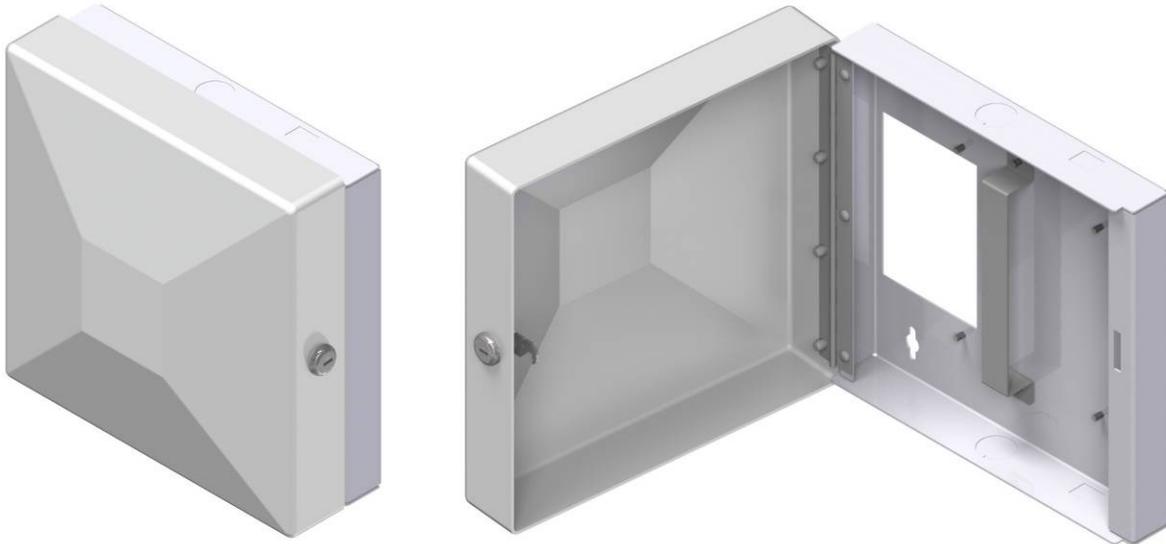
Visit www.oberonwireless.com

Rev. 10/16/2013

Model 1032-00

Surface Mount Enclosure for WAPs with Non-Detachable Antennas, White Cover

Oberon's Model 1032-00 "hard lid" or wall mount enclosure provides a secure, aesthetic, convenient mounting solution for wireless access points from many vendors. This economical enclosure has a low profile impact resistant ABS dome so that wireless access points with integrated or non-detachable antennas can be secured in otherwise "unsecured" spaces. The product is designed to provide an unobtrusive mounting solution. Locks are keyed-alike to simplify moves, adds, and changes.



Features

- 11" x 11" low profile steel and plastic surface mount enclosure designed to secure and protect most vendor's wireless access points, DAS remote units, and other networking gear
- Economical solution for securing wireless access points and DAS remotes with integrated or non-detachable antennas, from most vendors
- Universal T-bar mounting bracket allows easy installation of most vendors' wireless access points
- Durable, attractive, textured powder coat finish
- Durable, attractive ABS plastic is virtually transparent to wireless signals
- Fully-hinged locking door, keyed alike

Model 1032-00

Surface Mount Enclosure for WAPs with Non-Detachable Antennas, White Cover

Specifications

- Wireless access point enclosure designed to be surface mounted on “hard-lid” ceilings or walls.
- 11" x 11" x 2" back-box. Total depth of enclosure with dome is 4.4". Back box is textured, white powder-coated steel. RoHS compliant
- Dome is 11" x 11" x 2", UL 94-5VA, impact resistant, RF transparent, textured white ABS plastic
- Knockouts for ¾" trade conduit connectors and snap-in keystone jacks and connectors
- Opening in back box for telecommunications outlets
- Maximum weight to be installed inside the unit is 25 lbs.
- De-rate upper operating temperature limit from +50°C to +40°C when AP in the enclosure
- If enclosure is in ceiling, it must be supported by the building ceiling structural system, not tile gridwork

Includes

- (1) unit per carton
- (1) Internal universal access point mounting T-bar bracket
- (2) keys for lock
- (4) # 6-32 x 3/16 Screw
- (4) # 8-32 x 3/16 Screw
- (2) # 10-32 x 3/8 Screw
- Installation Instructions
- Shipping Weight: Approximately 6 lbs.

Accessories

- P/N 35-CBJ2WH-A surface mount modular receptacle to terminate horizontal cable in the enclosure

Customer Print and Installation Instructions

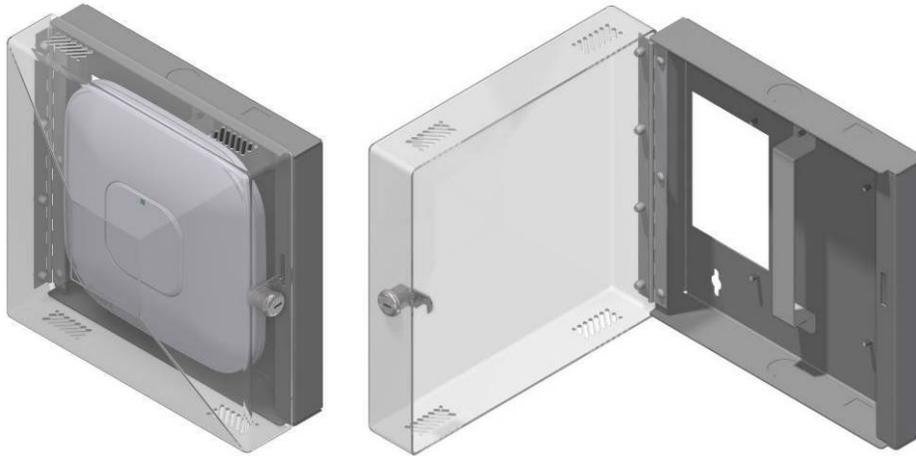
Visit www.oberonwireless.com

Rev. 11/15/2013

Model 1032-C

Surface Mount Enclosure for WAPs with Non-Detachable Antennas, Clear Cover

Oberon's Model 1032-C "hard-lid" or wall mount enclosure provides a secure, aesthetic, convenient mounting solution for wireless access points from many vendors. This economical enclosure has an impact-resistant, clear, lockable polycarbonate cover so wireless access points with integrated or non-detachable antennas can be secured in otherwise unsecured spaces. The product is designed to provide an unobtrusive mounting solution. Locks are keyed alike to simplify moves, adds, and changes.



Model 1032-C shown with Cisco 3500i AP (not included)

Specifications:

- Wireless access point enclosure designed to be surface-mounted on "hard-lid" ceilings or walls
- Economical solution for securing wireless access points with integrated or non-detachable antennas from most vendors
- Construction: 16 ga. powder-coated steel back-box, UL 94-V2 polycarbonate cover
- Fully-hinged locking cover is impact-resistant and transparent to wireless signals
- Knockouts for 3/4" trade conduit connectors, and snap-in keystone jacks and connectors
- Opening in back-box for wall jack
- Size: 11" x 11" x 4.4" (total depth)
- Maximum weight to be installed in the unit is 10 lbs.

Model 1032-C Includes:

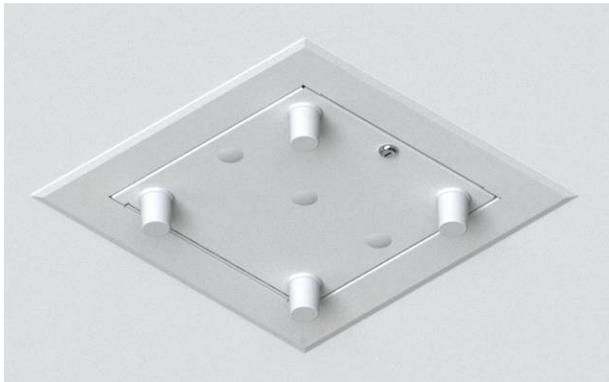
- 1 Unit per carton
- Internal universal access point mounting T-bar bracket
- (2) Keys for lock
- Installation Instructions
- Shipping weight: 4 lbs.

Rev. 3/12/2013

Model 1051-00

Recessed Hard Lid Ceiling and Wall Enclosure for WAPs

The Model 1051-00 is a locking, recessed hard lid ceiling or wall enclosure designed to secure wireless access points and DAS remote units with detachable antennas from most vendors. This aesthetic, white powder coated steel enclosure can be recessed into the ceiling or wall, and has openings in the door for ceiling mounted antennas. Mounting hardware in the flange secures the flush mounted enclosure to the ceiling or wall. The 1051 / 1052 series has interchangeable retrofit doors, allowing current owners to install new access point or antenna solutions from different vendors, simply by swapping doors. The Model 1051-00 is deep enough to accommodate the Cisco 3600 series and other large 802.11n wireless access points, and DAS remote access units, with external connectors and up to six antennas.



Model 1051-00 shown with (4) optional Oberon 34-ZDUAL Antennas and Cisco 3600e WAP (not included)

Features

- Recessed, hard lid ceiling or wall enclosure for securing wireless access points and DAS remotes with detachable antennas
- Universal T-bar mounting bracket allows easy installation of most vendors' access points
- UL listed and designed to meet National Electric Code Paragraphs 300-22 and 300-23 for installation in the above ceiling space; OSHPD approved (OPA File No. 1638-10)
- Fully-hinged locking door, keyed alike
- Interchangeable doors permit simple migration to new access points and antennas
- Enclosure back box is effective dust barrier to simplify ICRA procedure compliance

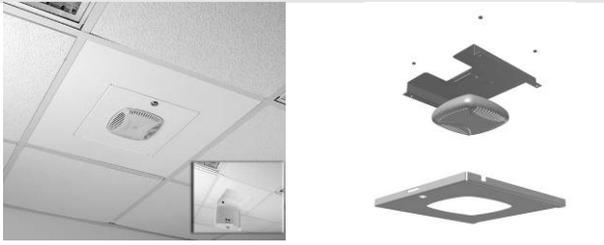
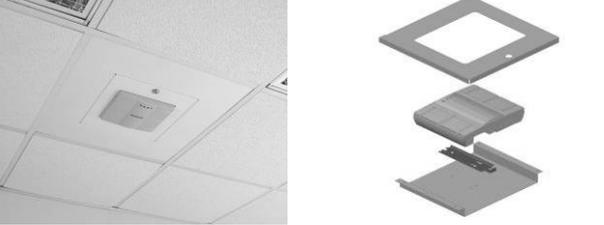
Model 1051-00

Recessed Hard Lid Ceiling and Wall Enclosure for WAPs

Specifications

- This is an all steel enclosure, so antennas must be mounted externally using optional bulkhead connectors (Oberon P/N 35-BULKHD-KIT), Oberon 34-ZDUAL antennas, or other thru-hole ceiling mounted antennas with <1" diameter stud
- Back-box is 16 ga. galvanized steel; door and flange are textured, white powder-coated steel. RoHS compliant
- Size: Flange is 17 ½" x 17 ½", back-box is 12 ½" x 12 ½" x 4 ½" deep
- Maximum weight to be installed inside the unit is 25 lbs.
- Enclosure is flush mounted in ceiling or wall, enclosure flange must be anchored to ceiling or wall using appropriate hardware; if mounted in suspended ceiling, enclosure must be supported by the building structure, independent of the suspended ceiling

Model 1051/1052 Configurations

<p>Model 1051-AP135</p>  <p>For Aruba Networks AP-135 access points</p>	<p>Model 1051-AN</p>  <p>For Aruba Networks APs w/ detachable antennas (AP-60, AP-70, AP-120, AP-124)</p>
<p>Model 1051-AN-ANT16</p>  <p>For Aruba Networks access points w/ detachable antennas (AP-60, AP-70, AP-120, AP-124)</p>	<p>Model 1051-CCOAP</p>  <p>For Cisco 1140/1260/3500/3600/3700 series wireless access points</p>
<p>Model 1051-DOME</p>  <p>For Aruba Networks' and other vendors' access points with <i>non-detachable</i> antennas (AP-100, AP-120, AP-130 series)</p>	<p>Model 1051-ENT3610</p>  <p>For Enterasys AP3605, AP3610, or AP3630 series access points</p>

Wireless APs not included. Other door styles are available. Please visit the Oberon website or contact your Oberon representative.

Model 1051-00

Recessed Hard Lid Ceiling and Wall Enclosure for WAPs

Includes

- (1) unit per carton
- (1) Internal universal access point mounting T-bar bracket
- (4) Hanger wires
- (1) cable egress fire block kit ($\frac{1}{2}$ " trade size conduit connector, and fire block foam insert)
- (2) keys for lock
- (4) White cosmetic screw caps, and (4) #10 ceiling/wall attachment screws
- Installation Instructions
- Shipping Weight: 17 lbs.

Accessories

- P/N 34-ZDUAL-RPSMA- color matched dual band omni antenna with 18" pigtail and RPSMA connector
- P/N 34-ZDUAL-RPTNC - color matched dual band omni antenna with 18" pigtail and RPTNC connector
- P/N 34-BMANT24- 2.4 GHz color matched omni antenna with 12" pigtail and RPTNC connector
- P/N 34-BMANT5- 5 GHz band color matched omni antenna with 12" pigtail and RPTNC connector
- P/N 34-PATCH-RPTNCM- 2.4 GHz, 8 dB gain, directional antenna with 8" pigtail and RPTNC connector
- P/N 34-MULTI-CARRIER – multi-band, multi carrier 700 MHz/Cellular/PCS/Wi-Fi ceiling mounted antenna
- P/N 35-BLKHD-KIT-RPTNC – 18" jumper cable with RPTNC connectors on both ends, bulkhead connector and plastic ring designed to fit into $\frac{3}{4}$ " trade knockout. For mounting external antennas
- P/N 35-BLKHD-KIT-RPSMA – 18" jumper cable with RPSMA connectors on both ends, bulkhead connector and plastic ring designed to fit into $\frac{3}{4}$ " trade knockout. For mounting external antennas
- P/N 35-CBXJ2WH-A surface mount modular receptacle to terminate horizontal cable in the enclosure
- P/N 1790 – PoE interlock- disconnects power and notifies when enclosure door has been opened

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Rev. 10/16/2013

Model 1076-WA

Locking Recess Wall/Ceiling Mount for WAPs with Bezel

The Model 1076-WA wireless LAN access point mounting solution is a locking, recessed wall or hard ceiling insert designed to secure wireless access points and other wireless components while satisfying UL criteria for heat and visible smoke release in air-handling spaces. This aesthetic, white powder-coated steel enclosure has an impact resistant ABS dome which is virtually transparent to wireless signals. Installation requires a square opening to be cut into the wall or ceiling. The 15" square, beveled flange conceals the opening in the wall. The enclosure is retained in place by two wall bridges. Interchangeable doors permit migration to different equipment in the future without removing enclosure from the wall. An interior universal AP mounting bracket emulates a ceiling T-Bar, allowing most manufacturer's AP to be easily mounted.



Model 1076-WA shown with Cisco 3600i wireless access point (not included)

Features:

- Locking recessed wall or hard ceiling enclosure designed to secure wireless access points and other wireless components from most vendors. 15" x 15" beveled steel flange
- UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations
- Universal T-bar mounting bracket allows easy installation of most vendors' access points
- Durable, attractive, low profile ABS dome is virtually transparent to wireless signals
- Fully hinged locking door, keyed alike
- Shallow back box (3") simplifies installation in walls and ceilings
- Interchangeable doors permit simple migration to new access points and antennas
- Enclosure back box is effective dust barrier to simplify ICRA compliance in hospitals

Model 1076-WA

Locking Recess Wall/Ceiling Mount for WAPs with Bezel

Specifications

- The enclosure back box, door frame, and flange are steel, so WAP must be installed such that antennas, (or face of WAP if antennas are integrated) are largely within the ABS plastic dome. There is little impact on WAP coverage with antennas largely inside dome.
- Back-box is 16 ga. galvanized steel; door and flange are textured, white powder-coated steel. RoHS compliant
- Dome is 10" x 10" x 1 1/2" UL 94-5VA classified, impact resistant, RF transparent, textured white ABS plastic
- Size: Flange is 15" x 15", back-box is 12 3/4" x 12 3/4" x 3" deep
- Knockouts for AC receptacle, (2) keystone jacks, (2) 3/4" trade conduit connector
- Maximum weight to be installed inside the unit is 25 lbs.
- De-rate upper operating temperature limit from +50°C to +40°C when AP in the enclosure
- Enclosure must be supported by the wall bridges. When installed in the ceiling, enclosure must be supported by the building structure, independent of the suspended ceiling

Model 1076 Configurations

Interchangeable doors allow the 107X Series ceiling enclosure to be customized to different vendor's product.

MODEL NUMBER	DESIGNED FOR	DESCRIPTION
107X-CP	Apple TV, other digital gateways, or WAPs	Clear polycarbonate dome in the door passes wireless and IR signal, digital gateway inside
107X-WA	Wireless APs	Opaque white ABS dome in the door passes wireless signal, AP inside
107X-CCOAP	Cisco Access Points	Cisco AP is locked into door, fully exposing front of AP
107X-AN-AP135	Aruba Networks AP	Aruba Networks AP-135 is locked into door, exposing front of AP
107X-00	External antennas	External antennas mount on door, AP inside. MUST use Oberon 35-BLKHD-KIT, 34-ZDUAL antennas, or ceiling mount antennas

Includes

- (1) unit per carton
- (1) internal universal access point mounting T-bar bracket
- (2) Wall bridges
- (1) cable egress fire stop kit (3/4" trade size conduit connector, and fire stop foam insert)
- (2) keys for lock
- Installation Instructions
- Shipping Weight: Approximately 7 lbs.

Accessories

- P/N 35-CBXJ2WH-A surface mount modular receptacle to terminate horizontal cable in the enclosure

Customer Print and Installation Instructions

Visit www.oberonwireless.com

rev 11/15/2013

Model 1076 Configurations

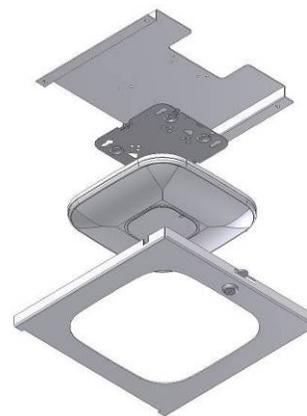
Locking Recess Wall/Ceiling Mount for WAPs with Bezel

Model 1076-CP features a clear polycarbonate cover



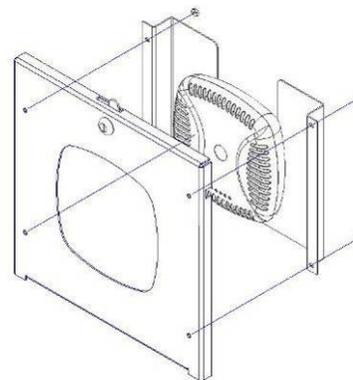
Model 1076-CP shown with Apple TV® (left) and Cisco 3600i wireless access point (right-not included)

Model 1076-CCOAP is designed to secure Cisco wireless access points (WAPs)



Model 1076-CCOAP shown with Cisco 3600i wireless access point (not included)

Model 1076-AP135 is designed to secure Aruba Networks wireless access points (WAPs)

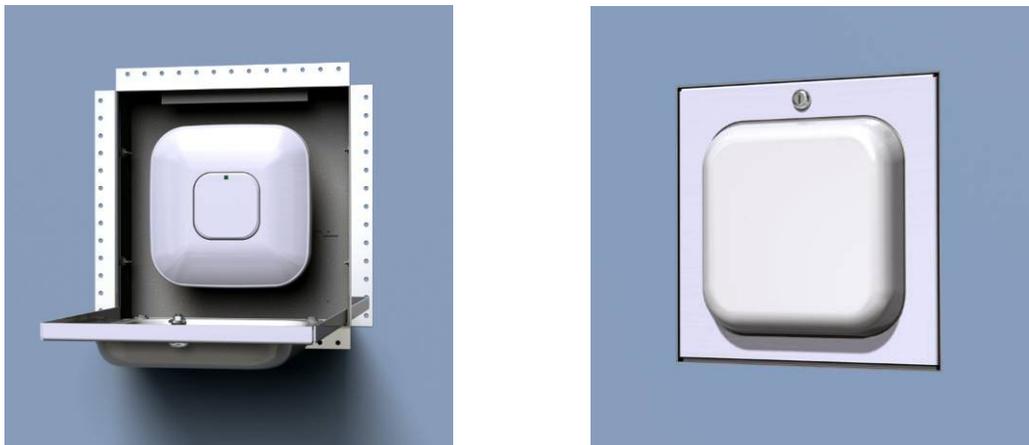


Model 1076-AP135 shown with Aruba Networks AP135 wireless access point (not included)

Model 1078-WA

Locking Recess Wall/Ceiling Mount for WAPs with Mud Ring

The Model 1078-WA wireless LAN access point mounting solution is a locking, recessed wall or hard ceiling insert designed to secure wireless access points and other wireless while satisfying UL criteria for heat and visible smoke release in air-handling spaces. This aesthetic, white powder-coated steel enclosure has an impact resistant ABS dome which is virtually transparent to wireless signals. Installation requires a square opening to be cut into the wall or ceiling. The 15" square "mud ring" allows the enclosure perimeter to be finished into the wall, so only the door is visible. The enclosure is retained in place by two wall bridges. Interchangeable doors permit migration to different equipment in the future without removing enclosure from the wall. An interior universal AP mounting bracket emulates a ceiling T-Bar, allowing most manufacturer's AP to be easily mounted.



Model 1078-WA shown with Cisco 3600i wireless access point (not included)

Specifications:

- Recessed wall or hard ceiling enclosure designed to secure wireless APs & other wireless components
- Low profile, impact resistant, white ABS dome. Virtually transparent to wireless signals
- UL listed and designed to meet National Electric Code paragraphs 300-22 and 300-23 for use in the above-ceiling space
- Construction: 16 ga. galvaneal back-box, textured white powder-coated 14 ga. steel door, and "mud ring" flange with corner bead
- Fully-hinged locking door, keyed alike
- Size: "mud ring" is 15" x 15", back-box is 12.75" x 12.75" x 3" deep
- Weight: 13lbs (not including access point or antennas)
- Enclosure must be supported by the wall bridges

Model 1078-WA

Locking Recess Wall/Ceiling Mount for WAPs with Mud Ring

Model 1078-WA Includes:

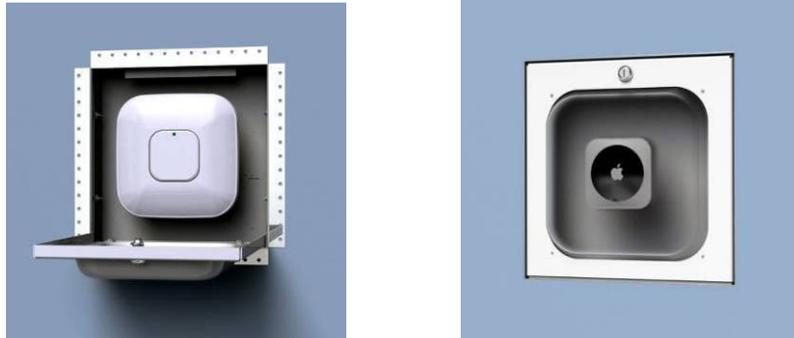
- 1 Unit per carton
- (2) Wall bridges
- Universal access point “T-bar” mounting bracket
- (4) No. 8-32 hex nuts
- (2) Keys for lock
- (1) Fireblock cable egress kit
- Installation Instructions
- Shipping weight: 14 lbs.

Rev. 3/12/2013

Model 1078 Configurations

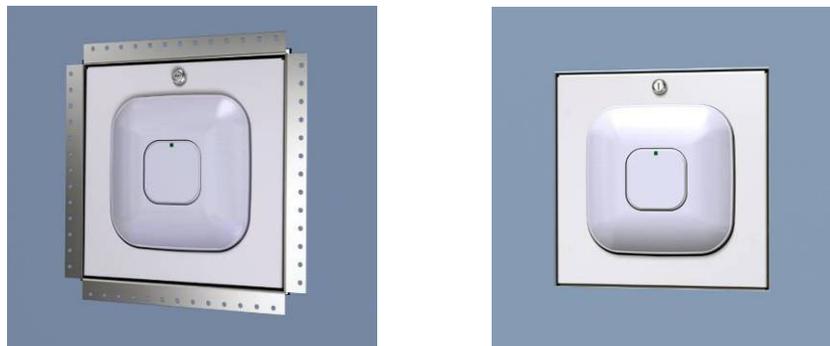
Locking Recess Wall/Ceiling Mount for WAPs with Mud Ring

Model 1078-CP features a clear polycarbonate cover



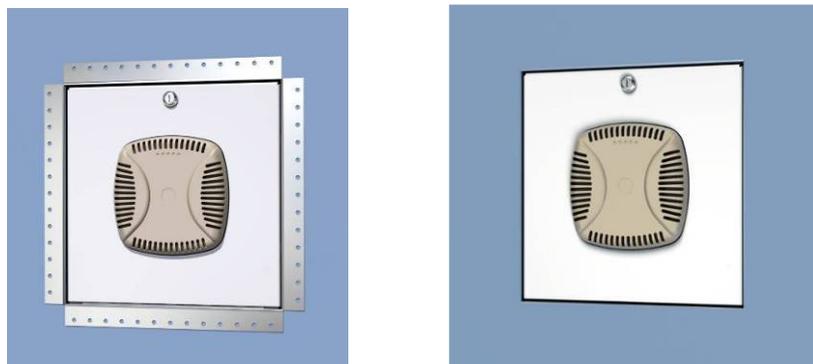
Model 1078-CP shown with Cisco 3600i (left) and Apple TV® (right - not included)
Apple TV® is a registered trademark of Apple Inc.

Model 1078-CCOAP is designed to secure Cisco wireless access points (WAPs)



Model 1078-CCOAP shown with Cisco 3600i wireless access point (not included)

Model 1078-AP135 is designed to secure Aruba Networks wireless access points (WAPs)

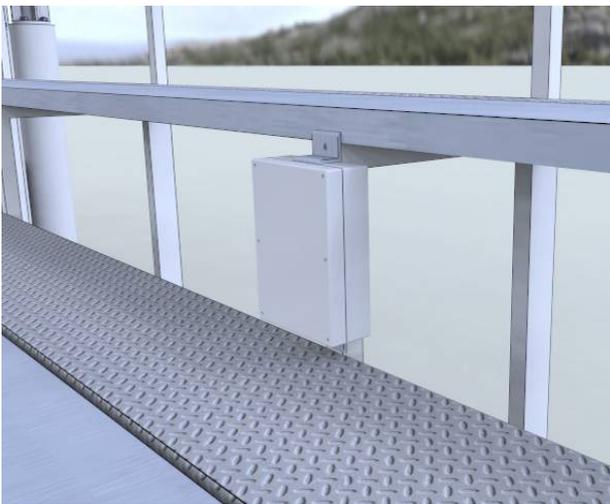


Model 1078-AP135 shown with Aruba Networks AP135 wireless access point (not included)

Model 1020-PS

Compact Stadium NEMA Enclosure for Wireless Access Points

The Model 1020-PS is a compact NEMA 4 enclosure designed specifically to protect wireless access points in challenging environments such as stadiums and auditoriums. This rugged polycarbonate enclosure protects the access point from weather, pressure spray, spilling liquids, dust, and impacts, and is transparent to wireless signals, so access points with body integrated antennas or small detachable antennas may be protected. This plastic is paintable so it can be more effectively concealed where appearance is important. This is the smallest NEMA 4 enclosure for most access points and is ideal for under seating installation.



Model 1020-PS shown with Cisco 1260 wireless access point and Cisco Antennas (not included)

Features:

- Compact, rugged enclosure for installing access points in physically challenging environments. Ideal for under seating and riser installation
- Designed to NEMA 1, 2, 4, 4X, 12, and 13, and IEC529-IP66 specifications for use in indoor/outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight.
- Virtually transparent to wireless signals
- Plastic is easily drilled and machined for custom cable ingress and installation. Enclosure is paintable.
- Cover attaches with six stainless steel screws, silicon sponge gasket material provides seal
- Sturdy right angle aluminum mounting brackets, interior WAP mounting plate

Model 1020-PS

Compact Stadium NEMA Enclosure for Wireless Access Points

Specifications:

- UL listed to UL508. Light gray back box and cover are UL94-HB rated PBT/PC blended plastic
- Cover screws must be torqued to 8 in-lbs. Cover screws are recessed into cover
- Wireless access point max. operating temperature should be de-rated by 11 °C in the 1020-00
- Interior size: 11.5" x 8.8" x 3.1" deep. Other sizes are available, please contact your Oberon representative
- Weight: 3 lbs

Configurations

MODEL 1020-00: Includes internal universal access point mounting T-bar bracket

MODEL 1020-PS: For Cisco APs. Includes Cisco WAP mounting plate

Includes

- (1) unit per carton
- (1) Internal mounting plate or T-bar bracket
- Installation instructions
- Approximate shipping weight: 4 lbs.

Accessories

- P/N 35-CBXJ2WH-A surface mount modular receptacle to terminate horizontal cable in the enclosure
- P/N 35-CORD-KIT – Cord Grip Connector
- P/N 35-RJ45-KIT – Water tight RJ-45 Bulkhead connector

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Model 1024-00

NEMA Enclosure for WAPs – Hinged Cover

The Model 1024-00 is a compact NEMA 4X enclosure designed to protect wireless LAN access points and other wireless equipment in challenging indoor/outdoor environments. This rugged polycarbonate enclosure protects the access point from weather, dust, and impacts, and is transparent to wireless signals, so access points with body integrated antennas or small detachable antennas may be protected. The enclosure has a hinged cover, molded-in padlock hasps for locking, and interior panel for attaching access points. Enclosure is paintable. Includes wall mounting hardware. Enclosures with clear covers are available. Please contact your Oberon representative.



Features

- Compact wireless access point enclosure for indoor and outdoor applications such as stadiums and public hotspots
- Designed to NEMA 3R, 4, 4X, 12, and 13, and IEC529-IP65 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight
- Virtually transparent to wireless signals
- Universal T-bar mounting bracket allows easy installation of most vendors' access points
- Cover is hinged. Cover can be latched and locked with padlock (not included)
- Clear polycarbonate cover is available upon request. Please specify as “-C” in model number

Model 1024-00

NEMA Enclosure for WAPs – Hinged Cover

Specifications:

- UL508 listed. Back box and cover are light gray UL94-5VA Polycarbonate/PBT blend. Clear cover is UL94V-0 Polycarbonate.
- Interior Dimensions: 14.8" x 10.8" x 4" deep. Exterior dimensions: 15.5" x 12" x 4.8"
- Wireless access point max. operating temperature should be de-rated by 9 °C in the 1024

Includes

- (4) stainless steel wall mounting brackets
- Interior universal T-bar mounting bracket for most vendors access points
- Installation Instructions
- Shipping Weight: Approximately 7 lbs.

Accessories

- P/N 35-POLE-MOUNT-BRACKET- external mounting bracket to mount enclosure on pole
- P/N 35-BLKHD-KIT-RPTNC – 18" jumper cable with RPTNC connectors on both ends, bulkhead connector and plastic ring designed to fit into ¾" trade knockout. For mounting external antennas
- P/N 35-BLKHD-KIT-RPSMA – 18" jumper cable with RPSMA connectors on both ends, bulkhead connector and plastic ring designed to fit into ¾" trade knockout. For mounting external antennas
- P/N 35-NFBLKH- Type N female bulkhead connector
- P/N 35-CORD- Cord Grip Connector
- P/N 35-RJ45- RJ45 bulkhead connector

Customer Print and Installation Instructions

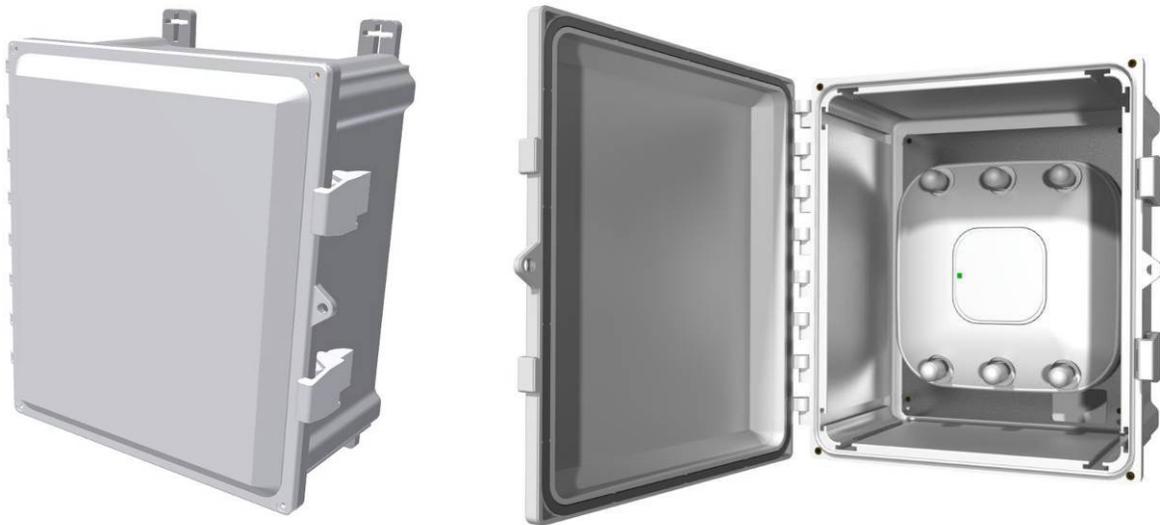
Visit www.oberonwireless.com

rev 10/23/2013

Model 1026-00

NEMA Enclosure for WAPs – Hinged Cover

The Model 1026 is a compact NEMA 4X enclosure designed to protect wireless LAN access points and other wireless equipment in challenging indoor/outdoor environments. This rugged polycarbonate enclosure protects the access point from weather, dust, and impacts, and is transparent to wireless signals, so access points with body integrated antennas or small detachable antennas may be protected. The enclosure has a hinged cover, molded-in padlock hasps for locking, and interior panel for attaching access points. Enclosure is paintable. Includes wall mounting hardware. Convenient sizes are available. Enclosure and door are light gray. Smoked, clear doors are available. Optional swing panel can be used to mount MIMO antennas internally, such as the Cisco AIR-ANT 2566P4W-R= antenna.



Oberon Model 1026 shown with Cisco 3500e (not included)

Features

- Compact, low profile wireless access point enclosure for indoor and outdoor applications such as stadiums and public hotspots
- Designed to NEMA 3R, 4, 4X, 12, and 13, and IEC529-IP65 specifications for indoor/ outdoor wet, dirty, or corrosive environments. UV stabilized for exposure to direct sunlight
- Virtually transparent to wireless signals
- Universal mounting plate allows easy installation of most vendors' access points
- Cover is hinged. Cover can be latched and locked with padlock (not included)
- Clear polycarbonate cover is available upon request. Please specify as "-C" in model number

Model 1026-00

NEMA Enclosure for WAPs – Hinged Cover

Specifications

- UL508 listed. Back box and cover are light gray UL94-5VA Polycarbonate/PBT blend. Clear cover is UL94V-0 Polycarbonate.
- Interior Dimensions: 12" x 10" x 6" deep. Other sizes available, please see chart below or contact your Oberon representative
- Wireless access point max. operating temperature should be de-rated by 9 °C in the 1024-121006



Oberon Model 1026-12106 shown with internal antenna panel (P/N 35-ANTPAN option) and Cisco AIR-ANT 2566P4W-R= antenna (not included)

Model 1026-00

NEMA Enclosure for WAPs – Hinged Cover

Size Options

Model Name	Interior Size	Cover	Antenna Panel (opt).
1026-664	6" x 6" x 4"	Opaque, light gray	35-AH66
1026-664-C	6" x 6" x 4"	Smoked, clear	35-AH66
1026-864	8" x 6" x 4"	Opaque, light gray	35-AH86
1026-864-C	8" x 6" x 4"	Smoked, clear	35-AH86
1026-1084	10" x 8" x 4"	Opaque, light gray	35-AH108
1026-1084-C	10" x 8" x 4"	Smoked, clear	35-AH108
1026-12106	12" x 10" x 6"	Opaque, light gray	35-AH1210
1026-12106-C	12" x 10" x 6"	Smoked, clear	35-AH1210
1026-14126	14" x 12" x 6"	Opaque, light gray	35-AH1412
1026-14126-C	14" x 12" x 6"	Smoked, clear	35-AH1412
1026-16148	16" x 14" x 8"	Opaque, light gray	35-AH1614
1026-16148-C	16" x 14" x 8"	Smoked, clear	35-AH1614

Includes

- (4) plastic wall mounting brackets and screws
- Interior universal mounting plate for most vendors access points
- Installation Instructions
- Shipping Weight: Approximately 7 lbs

Accessories

- P/N 35- XXX – interior panel for mounting MIMO antennas inside the enclosure (see chart above for size options)
- P/N 35-POLE-MOUNT-BRACKET – external mounting bracket to mount enclosure on pole
- P/N 35-BLKHD-KIT-RPTNC – 18" jumper cable with RPTNC connectors on both ends, bulkhead connector and plastic ring designed to fit into ¾" trade knockout for mounting external antennas
- P/N 35-BLKHD-KIT-RPSMA – 18" jumper cable with RPSMA connectors on both ends, bulkhead connector and plastic ring designed to fit into ¾" trade knockout for mounting external antennas
- P/N 35-NFBLKH – Type N female bulkhead connector
- P/N 35-CORD – Cord Grip Connector
- P/N 35-RJ45 – RJ45 bulkhead connector

Customer Print and Installation Instructions

Visit www.oberonwireless.com

rev 10/29/2013

Model 1074-04 or 06

Suspended Ceiling Zone Enclosure for Pre-terminated Cabling Systems

The Model 1074 is a locking, 2' x 2' suspended ceiling, plenum rated, general purpose telecommunications enclosure. It is designed as a consolidation point for securing pre-terminated “plug-n-play” copper and fiber optic cable terminations and splitters in a Fiber To The Enclosure (FTTE) structured cabling design. It can also be used to secure active equipment including Optical Network Terminals (ONTs), small workgroup switches, wireless access points, and DAS remote access units (RAUs). The 1074 is the only plenum rated enclosure which has fire-stopped openings large enough for the multi-fiber array modules, and multi-copper connector modules used in pre-terminated solutions. This aesthetic, white powder-coated aluminum enclosure comes with 2U (Model 1074-04) or 3U (Model 1074-06) rack mounting brackets.



Model 1074 shown with pre-terminated fiber optic cable cassettes (not included)

Features

- 2' x 2' Ceiling tile telecommunications enclosure designed for pre-terminated “plug-n-play” copper and fiber optic cable terminations and splitters in a zone structured cabling design. This is an ideal solution for installing non-plenum rated Fiber to the Enclosure (FTTE) components in the ceiling.
- Also designed for non-plenum rated powered equipment, including Optical Network Terminals (ONTs), small workgroup switches, wireless access points, and DAS remote access units (RAUs). Antenna mount openings in door allow installation of antennas for Wi-Fi and DAS components.
- UL listed and designed to meet National Electric Code paragraph 300-22(C) for use in the above-ceiling (plenum) space. Metal enclosures satisfy UL 2043, Fire Test for Heat and Visible Smoke Release
- Interchangeable doors allow for technology changes and upgrades without removing enclosure from the ceiling
- Enclosure back box is effective smoke and dust barrier to simplify ICRA procedure compliance
- Includes 19” internal rack mounting brackets for 2U or 3U deep networking and wireless equipment

Model 1074-04 or 06

Suspended Ceiling Zone Enclosure for Pre-terminated Cabling Systems

Specifications

- UL File #E348543 Ceiling Mounted ITC Enclosure System, suitable for use in Other Environmental Air Space in accordance with section 300-22(C) of the National Electrical Code
- Fully-hinged locking door, keyed alike.
- Knockouts for (2) AC receptacles, (8) ¾" trade conduit connector, (4) 5" wide openings for P/N 35-5FIRESTOP-KIT
- Construction: 10 ga. aluminum back-box; 8 ga. textured, white, powder-coated aluminum door. RoHS compliant
- Size: Flange is 23 ¾" x 23 ¾", Back-box is 22 ½" x 22 ½" x 4 ½" or 6 ½" deep. Fits standard 2' x 2' suspended ceiling grid
- Max. weight to be installed in the enclosure is 25 lbs. OSHPD approved up to 25 lbs. total weight (OPA # 1638)
- Enclosure must be supported by the building structure, independent of the ceiling tile grid

Configurations

MODEL 1074-04-07: 4 ½" deep, 2U rack mount brackets, non-ventilated door with 7 openings for antennas

MODEL 1074-06-07: 6 ½" deep, 3U rack mount brackets, non-ventilated door with 7 openings for antennas

MODEL 1074-04-VENT: 4 ½" deep, 3U rack mount brackets, ventilated door

MODEL 1074-06-VENT: 6 ½" deep, 4U rack mount brackets, ventilated door

Includes

- (1) Unit per carton
- (1) pair of 19" right angle rack mount brackets, 2U (Model 1074-04, P/N 35-BRACKET-KIT) or 4U (Model 1074-08)
- (8) hanger wires
- (1) Small cable egress fire stop kit (¾" trade size conduit connector and fire stop foam insert), 35-1FIRESTOP-KIT
- (1) Large cable egress fire stop kit (5" opening clamp and fire stop foam insert), P/N 35-5FIRESTOP-KIT
- (1) UL Listed ac receptacle, junction box, and cover
- (2) Keys for lock
- Installation instructions
- Shipping weight: 1074-04 is approximately 21 lbs.

Accessories

- P/N 35-5FIRESTOP-KIT Large cable egress fire stop kit (5" opening clamp and fire stop foam insert)
- P/N 35-1FIRESTOP-KIT Small cable egress fire stop kit (¾" trade size conduit connector and fire stop foam)

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Model 1074-VENT

Suspended Ceiling Zone Enclosure for Pre-terminated Cabling Systems

The Model 1074-VENT is a locking, 2' x 2' suspended ceiling, plenum rated, general purpose telecommunications enclosure. It is designed as a telecommunications enclosure for securing pre-terminated "plug-n-play" copper and fiber optic cable terminations and splitters in a Fiber To The Enclosure (FTTE) structured cabling design. It can also be used to secure active equipment including Optical Network Terminals (ONTs), small workgroup switches, wireless access points, and DAS remote access units (RAUs). The highly perforated door allows for air flow over powered equipment. The 1074-VENT is the only plenum rated enclosure which has fire-stopped openings large enough for the multi-fiber array modules, and multi-copper connector modules used in pre-terminated solutions. This aesthetic, white powder-coated aluminum enclosure comes with 6U (Model 1074-VENT-04) or 8U (Model 1074-06) rack mounting brackets.



Features

- 2' x 2' Ceiling tile telecommunications enclosure designed for pre-terminated "plug-n-play" copper and fiber optic cable terminations and splitters in a zone structured cabling design. This is an ideal solution for installing non-plenum rated Fiber to the Enclosure (FTTE) components in the ceiling.
- Also designed for non-plenum rated powered equipment, including Optical Network Terminals (ONTs), small workgroup switches, wireless access points, and DAS remote access units (RAUs). Highly perforated door allows for air flow on powered components.
- UL listed and designed to meet National Electric Code paragraph 300-22(C) for use in the above-ceiling (plenum) space. Metal enclosures satisfy UL 2043, Fire Test for Heat and Visible Smoke Release
- The beveled, perforated door adds an additional 2" depth of the box, and simplifies access to internal components. Interchangeable doors allow for technology changes and upgrades without removing enclosure from the ceiling
- Enclosure back box is effective smoke and dust barrier to simplify ICRA procedure compliance
- Includes 19" internal rack mounting brackets for 4U or 8U deep networking and wireless equipment
- Includes receptacle and junction box for plugging in ac powered equipment

Model 1074-VENT

Suspended Ceiling Zone Enclosure for Pre-terminated Cabling Systems

Specifications

- UL File #E348543 Ceiling Mounted ITC Enclosure System, suitable for use in Other Environmental Air Space in accordance with section 300-22(C) of the National Electrical Code
- Fully-hinged locking door, keyed alike.
- Knockouts for (2) AC receptacles, (8) ¾" trade conduit connector , (4) 5" wide openings for P/N 35-5FIRESTOP-KIT
- Construction: 10 ga. aluminum back-box; 8 ga. textured, white, powder-coated aluminum door. RoHS compliant
- Size: Flange is 23 ¾" x 23 ¾", Back-box is 22 ½" x 22 ½" x 4 ½" or 6 ½" deep. Fits standard 2' x 2' suspended ceiling grid
- Max. weight to be installed in the enclosure is 25 lbs. OSHPD approved up to 25 lbs. total weight (OPA # 1638)
- Enclosure must be supported by the building structure, independent of the ceiling tile grid

Configurations

MODEL 1074-04-VENT: 4 ½" deep back box, 2" deep door, 3U rack mount brackets

MODEL 1074-06-VENT: 6 ½" deep back box, 2" deep door, 4U rack mount brackets

Includes

- (1) Unit per carton
- (1) pair of 19" right angle rack mount brackets, 2U (Model 1074-04, P/N 35-BRACKET-KIT) or 4U (Model 1074-08)
- (8) hanger wires
- (1) Small cable egress fire stop kit (¾" trade size conduit connector and fire stop foam insert), 35-1FIRESTOP-KIT
- (1) Large cable egress fire stop kit (5" opening clamp and fire stop foam insert), P/N 35-5FIRESTOP-KIT
- (1) UL Listed ac receptacle, junction box, and cover
- (2) Keys for lock
- Installation instructions
- Shipping weight: 1074-04 is approximately 21 lbs.

Accessories

- P/N 35-5FIRESTOP-KIT Large cable egress fire stop kit (5" opening clamp and fire stop foam insert)
- P/N 35-1FIRESTOP-KIT Small cable egress fire stop kit (¾" trade size conduit connector and fire stop foam)

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Model 1074-PROJ

Suspended Ceiling Mount for Projector and Multimedia Gateway

The Model 1074-PROJ is a locking 2' x 2' ceiling tile telecommunications enclosure designed for mounting multimedia projectors and gateways such as the Apple TV® in the ceiling. Other AC-powered A/V, networking, and wireless components, including Wi-Fi access points, DAS remote access units, smaller access switches and optical network terminals (ONTs) can be conveniently secured in the ceiling. The enclosure has attachment points for an included universal projector mount and brackets for rack-mountable networking components. This aesthetic, white powder-coated aluminum enclosure has openings in the door for antennas and projector cabling and a clear plastic window for the multimedia gateway.



Model 1074-PROJ shown with universal ceiling mount, multimedia projector (not included) and Apple TV® (not included)

Features

- 2' x 2' Ceiling tile telecommunications enclosure designed for multiple A/V and networking components. Ideal solution for securing multimedia components in classrooms and meeting rooms
- Attach universal projector ceiling mount (Sanus Model VMPR1B included) to the door; universal projector mount accommodates most manufacturers' projectors
- UL listed and designed to meet National Electric Code paragraph 300-22(C) for use in the above-ceiling (plenum) space. Metal enclosures satisfy UL 2043, Fire Test for Heat and Visible Smoke Release
- Minimize length of HDMI cabling between projector and multimedia gateway. Cables within enclosure do not need to be plenum rated
- Openings in door for external 802.11 Wi-Fi or cellular antennas, and cabling from projector
- Clear polycarbonate window in door for multimedia gateway (Apple TV®, etc.) is transparent to wireless signals and IR control signals
- Enclosure back box is effective smoke and dust barrier to simplify ICRA procedure compliance
- Includes 19" internal rack mounting brackets for 2U deep A/V, networking, and wireless equipment
- Includes receptacle and junction box for plugging in ac powered equipment

Apple TV® is a registered trademark of Apple Inc.

Model 1074-PROJ

Suspended Ceiling Mount for Projector and Multimedia Gateway

Specifications

- UL File #E348543 Ceiling Mounted ITC Enclosure System, suitable for use in Other Environmental Air Space in accordance with section 300-22(C) of the National Electrical Code
- Fully-hinged locking door, keyed alike; gas springs slow door opening
- Knockouts for (2) AC receptacles, (4) keystone jacks, (4) 3/4" trade conduit connector
- Construction: 10 ga. aluminum back-box; 8 ga. textured, white, powder-coated aluminum door. RoHS compliant
- Size: Flange is 23 3/4" x 23 3/4", Back-box is 22 1/2" x 22 1/2" x 4 1/2" deep. Fits standard 2' x 2' suspended ceiling grid
- Max. weight to be installed in the enclosure is 25 lbs. OSHPD approved up to 25 lbs. total weight (OPA # 1638)
- Enclosure must be supported by the building structure, independent of the ceiling tile grid

Includes

- (1) Unit per carton
- (1) Sanus Model VMPR1B universal projector mount, with instructions and hardware
- (1) pair of 19" right angle rack mount brackets, 2U deep
- (8) hanger wires
- (1) Cable egress fire stop kit (3/4" trade size conduit connector and fire stop foam insert)
- (1) UL Listed ac receptacle and junction box
- (2) Keys for lock
- Installation instructions
- Shipping weight: approximately 30 lbs. including universal projector mount

Accessories

- P/N 34-ZDUAL-RPSMA-color matched dual band omni-directional antenna with 18" pigtail and RPSMA connector
- P/N 34-ZDUAL-RPTNC -color matched dual band omni-directional antenna with 18" pigtail and RPTNC connector
- P/N 34-MULTI-CARRIER – multi-band, multi carrier 700 MHz/Cellular/PCS/Wi-Fi ceiling mounted antenna
- P/N 35-BLKHD-KIT-RPTNC – 18" jumper cable with RPTNC connectors on both ends, bulkhead connector and plastic ring designed to fit into 3/4" trade knockout. For mounting external antennas
- P/N 35-BLKHD-KIT-RPSMA – 18" jumper cable with RPSMA connectors on both ends, bulkhead connector and plastic ring designed to fit into 3/4" trade knockout. For mounting external antennas

Customer Print and Installation Instructions

Visit www.oberonwireless.com

Rev. 7/26/2013

Model 1082-00

Surface Wall Mount Enclosure for Wireless and Networking Gear

Oberon's Model 1082-00 is a wall mounted home/office cabinet for organizing your networking components. The 1082-00 provides a convenient way to interconnect and stow your broadband modem, wireless router, small network switch, power strip, network storage, and other components. This 22" x 22" cabinet has a steel back-box with adjustable shelves for components and wire tie-downs to manage the data and power wiring. The cabinet has a locking, impact-resistant ABS door which is virtually transparent to wireless signals. The cabinet mounts on the wall in minutes, and aesthetically secures all of your networking components. The cabinet's low 4" profile allows the cabinet to be mounted just about anywhere in your home or office.



Oberon Model 1082-00 shown with switch, patch panel, wireless router, and DSL modem (not included)

Specifications:

- Wall-mounted network components cabinet ideal for wireless routers, broadband modems, small switches, power strips, network storage and other components from most manufacturers
- Openings in the back-box permit the cabinet to be mounted directly over the broadband connector or network wall plate; surface mounts to the wall in minutes
- The cabinet back-box has mounting features for 3 adjustable shelves, or (optional) 19" rack mounting brackets for up to 2U deep equipment
- Openings in the top and bottom for cable raceway or conduit entry
- Construction: 16 ga. textured, white powder-coated steel back-box
- Fully-hinged locking door is made of impact-resistant, wireless signal-transparent ABS plastic
- Cabinet size: 22" x 22" x 4" deep

Cabinet can be mounted in any room, complies with ADA accessibility guidelines for protruding objects

Model 1082-00

Surface Wall Mount Enclosure for Wireless and Networking Gear

Model 1082-00 includes:

- 1 Unit per carton
- (3) adjustable shelves
- (10) plastic cable tie downs
- 100" of Velcro strap
- (2) Keys for lock
- Installation instructions
- Shipping weight:

Rev. 3/12/2013



Custom Access Point Enclosures

Oberon offers one of the industries broadest ranges of wireless access point enclosures to meet your wireless deployment needs. This means that you will probably find what you need in this catalog; however, if you find an application where you need a customized solution, Oberon can design enclosures and system components for practically any network connection requirement. Using our existing design database, Oberon can quickly and economically design electronic equipment enclosures which accommodate most manufacturers' products. Contact your Oberon representative for details.

- Aesthetically pleasing, locking, plenum rated ceiling enclosures
- Vandal, tamper, and theft-resistant indoor enclosures
- Architecturally benign or discrete electronics enclosures
- Indoor/outdoor NEMA 4/ 3R enclosures

Applications:

- Wireless LAN access points and radio bridges
- Network Cameras
- Indoor and outdoor cellular repeaters and converters
- Wireless asset tracking and RFID
- Security sensors
- PICs and PLCs
- Embedded processors
- Other sensors

These additional features add value to, and simplify, your installation:

- Integrated single, diversity, directional, or omni-directional antennas
- Antenna swivel mounts
- Integrated RF connectors and RF jumper cables
- Weather proof and tamper resistant locks
- Heaters and blowers for outdoor installations
- Cord grips for field termination of data cables
- Weather proof Ethernet connectors
- Clear acrylic domes and doors
- Integrated AC power receptacles, conduit clamps, and grounding features
- Lightning arrestors and surge suppressors
- POE splitters
- Serial to Ethernet adaptors
- PICs
- Embedded controllers
- Cellular Modems
- UL Listing
- OSHPD Compliant

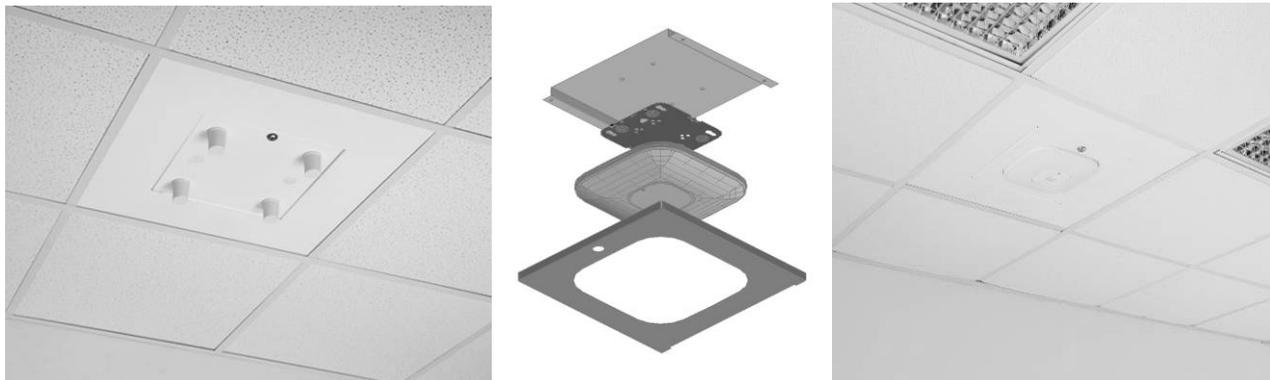
Model 38-52-(XX)

Retrofit Doors for Model 105(X) Series Enclosures

Oberon's Model 1052-00 is one of Oberon's most popular locking 2' x 2' ceiling tile enclosures. To assist customers with this model in upgrading access points to new form factors, Oberon has developed a series of adapter doors. These doors offer convenience of being able to replace the access point without removing the enclosure.

The upgrade simply requires that the existing 1052-00 door is removed (three interior nuts), the new antenna is attached to the adaptor door, and the adaptor door is attached to the enclosure. The upgrade maintains the enclosure's UL 50 design criteria and provides the same level of physical security as previously provided. Upgrades are performed without accessing the air-handling space above the ceiling.

Example of Access Point Form Factor Change:



- 1) Model 1052-00 shown with (4) optional Oberon 34-ZDUAL Antennas
- 2) Exploded view of 38-52-CCOAP adapter door with Cisco AP (not included)
- 3) 1052-00 back-box has been fitted with 38-52-CCOAP adapter door and Cisco AP (not included)

Specifications:

- OSHPD approved OPA #1638
- With adaptor door properly installed, the assembly is UL listed and designed to meet National Electric Code paragraphs 300-22 and 300-23 for plenum installations
- Construction: Textured white powder-coated steel, 14 ga. door
- Adaptor door is attached to enclosure with (3) nuts

Rev. 3/29/2013

Model 38-52-(XX)

Retrofit Doors for Model 105(X) Series Enclosures

MODEL 1052 VARIANT	MODEL 1052 VARIANT
<p>38-52-00</p>  <p>Shown with (4) optional Oberon 34-ZDUAL antennas</p>	<p>38-52-CCOANT</p>   <p>Cisco 1260/3500e/3600e/3700e series 802.11n wireless access points</p>
<p>38-52-CCOAP</p>   <p>For Cisco 1040/1140/1260/3500/3600/3700 series 802.11n wireless access points</p>	<p>38-52-AN</p>   <p>For (3) Aruba Networks AP-ANT-13B antennas</p>
<p>38-52-AP105</p>   <p>For Aruba Networks AP105 802.11n wireless access points</p>	<p>38-52-AP135</p>   <p>For Aruba Networks AP135 802.11n wireless access points</p>

Model 38-52-(XX)

Retrofit Doors for Model 105(X) Series Enclosures

38-52-DOME



For APs from Aruba Networks and other vendors with internal or external antennas

38-52-ENT3610



For Enterasys AP3605, AP3610 or AP3630 series 802.11n wireless access points

38-52-HFHS-N



For Enterasys HiPath 3620/3640 access point

For more details on individual variants, please visit www.oberonwireless.com

APs are not included with enclosures.

Model 38-75-(XX)

Retrofit Doors for Model 107(X) Series Enclosures

Interchangeable doors allow Model 1075-1078 enclosure to be customized to different vendors' product. The upgrade maintains the enclosure's UL 50 design criteria and provides the same level of physical security as previously provided. Upgrades are performed without accessing the air-handling space above the ceiling.



Model 1077-CP shown with Cisco 3500 AP (not included)

MODEL NUMBER	DESIGNED FOR	DESCRIPTION
38-75-CP	AppleTV, other digital gateways, or wireless APs	Clear polycarbonate dome in door passes wireless and IR signal, digital gateway inside
38-75-WA	Wireless APs	Opaque White ABS dome in door passes wireless signal, AP inside
38-75-CCOAP	Cisco Access Points	Cisco AP is locked into door, fully exposing front of AP
38-75-AP135	Aruba Networks AP	Aruba Networks AP-135 is locked into door, exposing front of AP
38-75-00	External antennas	External antennas mount on door, AP inside. MUST use Oberon 35-BLKHD-KIT, 34-ZDUAL antennas, or ceiling mount antennas

Apple TV® is a registered trademark of Apple Inc.

Rev. 4/4/2013

35-BULKHEAD-JUMP-RPTNC

Jumper Cable



This 18" jumper cable can be used to mount antennas on the exterior of Oberon's enclosures. This cable jumper cable assembly connects RP-TNC Male (which mates to the access point connector) to RP-TNC bulkhead Female (which mates to the antenna). These jumpers are built by manufacturer certified technicians. All jumpers using crimp connectors include heatshrink to improve strength of the interface. Each jumper is tested prior to shipment for 100% customer satisfaction and guaranteed performance.

35-BULKHEAD-JUMP-RPTNC Connector Specifications

Connector Style: RPTNC Male and Bulkhead RPTNC Female

Impedance: 50 ohms

Material (Body): Brass Nickel

Material (Pin): Brass Gold

Material (Insulation): Teflon

Connection to cable: Crimp on with heat shrink

Connector Mfg Warranty: 1 year



35-BULKHEAD-JUMP-RPTNC Cable Specifications

18" long, flexible, braided shield coaxial cable, similar in size to RG-174 cable

Construction Specifications		
	Material	Diameter
Inner Conductor	Solid Copper Clad Steel	0.018"
Dielectric	Solid Polyethylene	0.059"
Outer Conductor	Un-Bonded Aluminum Foil + Tinned Copper Braid	Nominal 0.083"
Jacket	Black Polyethylene	0.109"

Electrical Characteristics	
Capacitance	30.8 pF/ft
Impedance	50 Ω
Velocity	66%
Inner Conductor DC Resistance	< 81 (Ω/1000 ft)
Outer Conductor DC Resistance	< 9.5 (Ω/1000 ft)
Shielding Effectiveness	> 90 dB
Inductance	0.077 μH/ft
Jacket Spark	2000 VAC
Cut off Frequency	41 GHz
Peak Power	0.6 kW
Return Loss	≤ -18 dB (0.03-3000 MHz)

Mechanical and Environmental Characteristics	
Installation Bend Radius	0.25"
Repeated Bend Radius	1.0"
Weight	0.00928 lb/ft
Operating Temperature	-40° F to +185° F
Installation Temperature	-40° F to +185° F
Storage Temperature	-94° F to +185° F

General Information	
Warranty	7 Years
Life Expectancy	20 Years (Outdoor Use)

Attenuation (68° F) and Avg. Power (104°F) At Sea Level			
Frequency MHz	Typical Attenuation dB/100 ft	Max Attenuation dB/100 ft	Average Power kW
30	3.9	4.7	0.23
50	5.1	5.6	0.18
150	8.9	9.0	0.10
220	10.9	11.0	0.08
450	15.8	15.8	0.06
700	19.9	20.1	0.04
750	20.7	20.8	0.04
800	21.4	21.6	0.04
900	22.8	22.9	0.04
1500	30.1	30.5	0.03
1800	33.2	33.5	0.03
2000	35.2	35.5	0.03
2500	39.8	40.5	0.02
5800	64.1	66.0	0.01



Model CCOAPi-SKIN

Vanity Cover (Skin) for Cisco WAPs

Oberon's CCOAPi-SKIN allows you to customize the appearance of the popular Cisco wireless access points. The skin is made from an RF transparent plastic, and can be attached directly to the Cisco 1040, 1140, 2600 3500i, or 3600i. The CCOAPi-SKIN is paintable so you can customize the color of the access point to partially conceal the access point or compliment interior color schemes. Coloring the skin does not void the manufacturer's warranty.



Oberon Model CCOAPi-SKIN shown with Cisco 1142 wireless access point (not included)

Specifications:

- Fabricated from textured UL 94-5VA ABS plastic
- The skin is virtually transparent to access point wireless signals.
- Attaches to access point with mushroom head fasteners (included)
- Standard color is black, with textured semi-gloss finish
- Skins are paintable using an enamel spray paint such as Krylon (do not use oil based paint or metallic paint). Surface does not need to be treated.

Model CCOAPi-SKIN Includes:

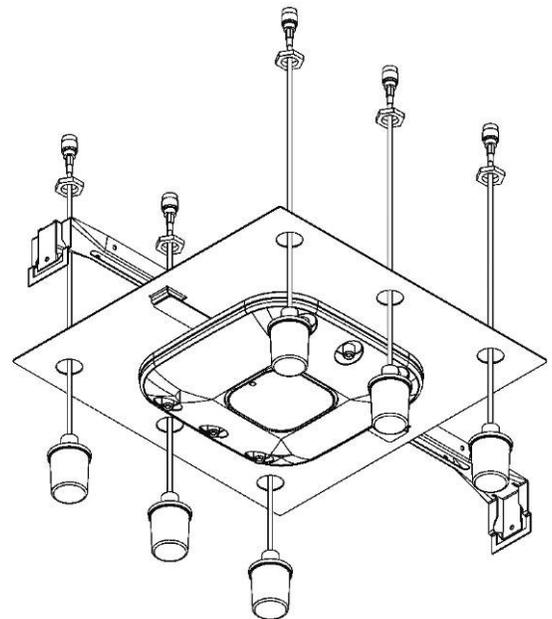
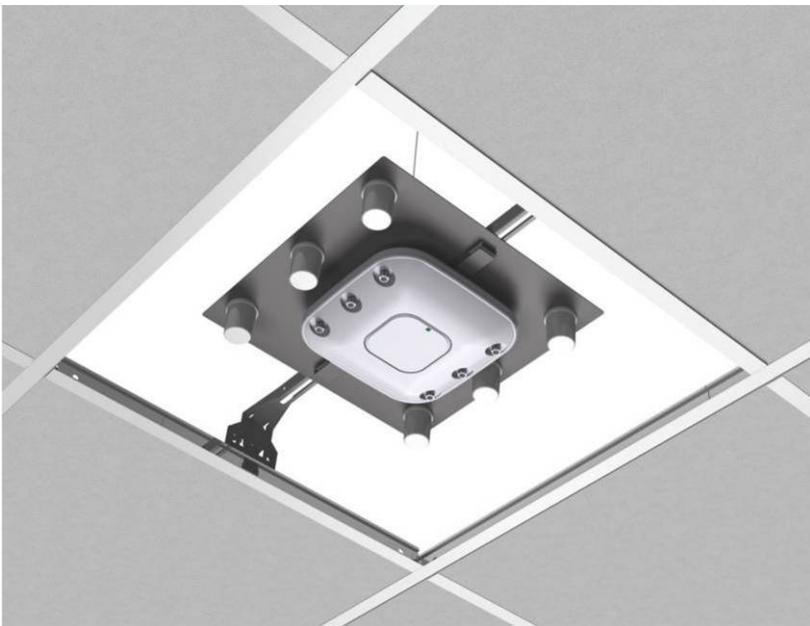
- Ordering Information: P/N CCOAPi-SKIN
- Four (4) mushroom head fasteners
- Shipping weight: 5.5 oz. per unit

Rev. 5/30/2013

Model 1045-00

Above-Ceiling Hanger for APs

Oberon's 1045-00 is a sturdy, above-ceiling hanger bar designed to support wireless access points and DAS remote units from most leading vendors. Wireless equipment should not be placed on top of ceiling tiles, and antennas should not poke through ceiling tiles. Conventional box hangers are not sturdy enough to reliably support wireless equipment in the preferred orientation. Use the access point equipment vendors' standard ceiling grid clip to clip the equipment to the 1045s T-bar universal mounting bracket. Antennas can be mounted to the antenna mounting plate. Hanger bar extensions allow the hanger bar to be raised 2.5" for larger items. A support wire is included to ensure compliance with the National Electric Code (National Electric Code paragraphs®) Section 300-11, which requires an independent support.



Oberon 1045-00 shown with Cisco 3500e wireless access point and 34-ZDUAL antennas (not included)

Specifications:

- Sturdy above-suspended-ceiling hanger bar designed for wireless access points, DAS remote units, and associated antennas
- Equipment should be supported by the building structure, independent of the suspended ceiling

Model 1045-00

Above-Ceiling Hanger for APs

Model 1045-00 includes:

- 1 Unit per carton
- (1) Antenna mounting plate/dust cover with universal wireless equipment "T-Bar" mounting bracket
- (1) Heavy duty hanger bar
- (2) Hanger bar extensions
- (1) 3m Speed Link wire rope for independent support
- (2) Keys for lock
- (1) Installation instructions

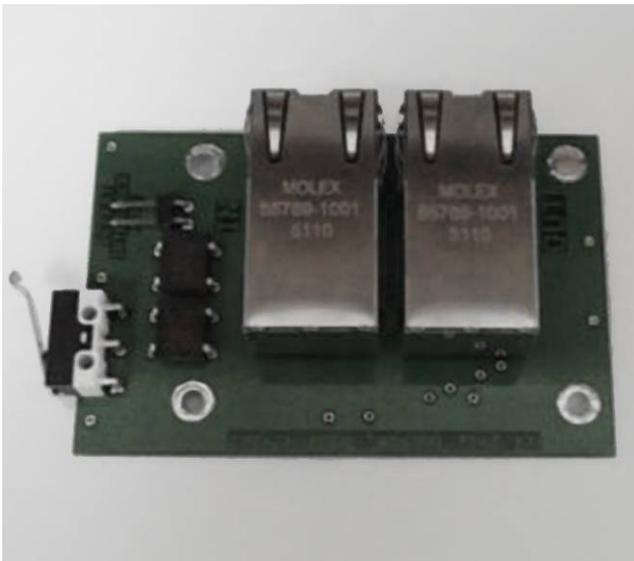
Rev. 3/12/2013

Model 1790 PoE ILS

Electronic Physical Security for WAPs: PoE Interlock Switch

The Model 1790 PoE ILS is an optional security component specifically designed to be installed in Oberon enclosures. The PoE ILS senses and logs when the enclosure door is opened. This can be of great value in a FIPS environment, where periodic monitoring of tamperproof labels is necessary, or any environment requiring additional security measures.

When installed in-line with a PoE Ethernet connection to a WiFi Access Point, the PoE ILS will disrupt the incoming power to the WAP when the enclosure door. Enterprise class WAPs will log this event, as will wireless controllers.



1790 PoE ILS Board



Model 1052-00 with 1790 PoE ILS installed

Specifications:

- Designed to be installed in Oberon 1052 series enclosures
- One input RJ45 connector; one output RJ45 connector
- A customer-supplied CAT 5/6 jumper required between the output RJ45 connector and the WAP
- UL approved

Model 1790 Includes:

- 1 Unit per carton
- (1) PoE ILS PCB assembly
- Four (4) mounting screws
- Installation instructions

Rev. 3/12/2013

Model 34-ZDUAL

Dual Band Wi-Fi Antenna Designed to Mount on Oberon Enclosures

General Specifications:

Dual band Low Profile Antenna

Radome Material:

UL 94-V0 PC/ABS

Polarization:

Vertical, Linear

Nominal Impedance:

50 Ohms

Cable:

16" Plenum rated RG-58/U PL

Connector Options:

Reverse Polarity TNC

Reverse Polarity SMA

Mounting Method:

Through hole 15/16 dia (0.94)

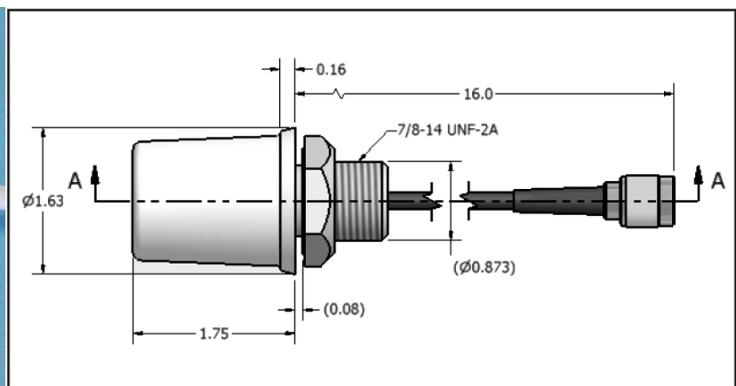
7/8-14 UNF plastic Hex-Nut

This antenna provided superior pattern coverage for indoor applications operating in 2400-2500 MHz as well as 4900 to 5825 MHz. This economical model provided industry-leading wideband performance and omni-directional gain. It features an attractive, compact package that is ideal for indoor applications where aesthetics are important.



Electrical Specifications

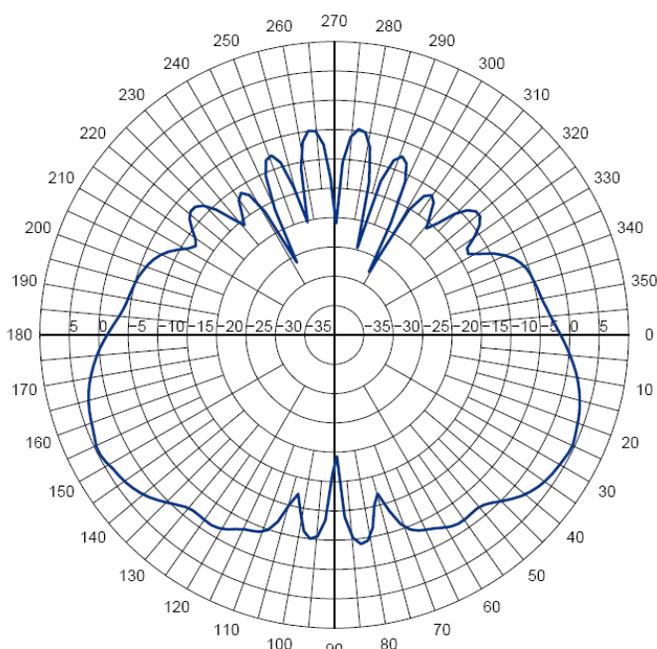
Frequency Range	Nominal Gain	H-Plane Beamwidth	E-Plane Beamwidth	VSWR	Maximum Input Power
2400-2500 MHz	4 dBi	Omni-directional	35° Nominal	< 2.0:1	10 Watts
4900-5825 MHz	4 dBi	Omni-directional	20° Nominal	< 2.0:1	10 Watts



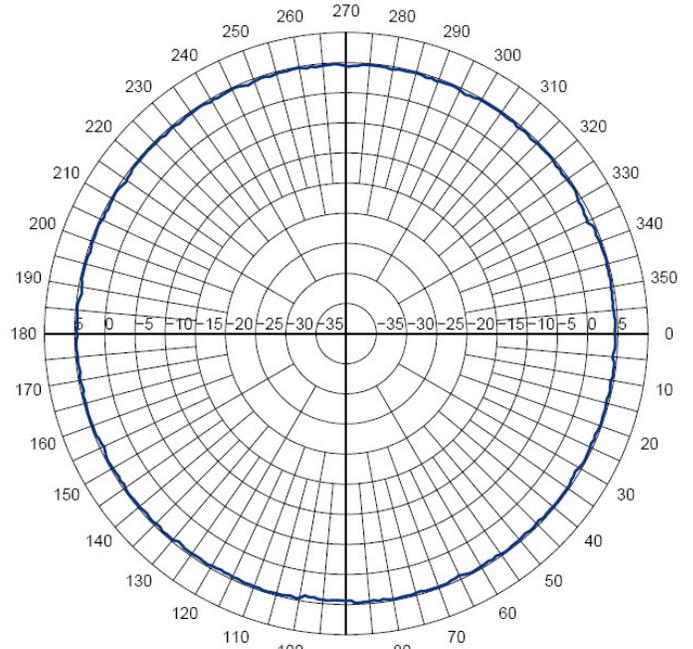
Rev. 3/12/2013

Model 34-ZDUAL

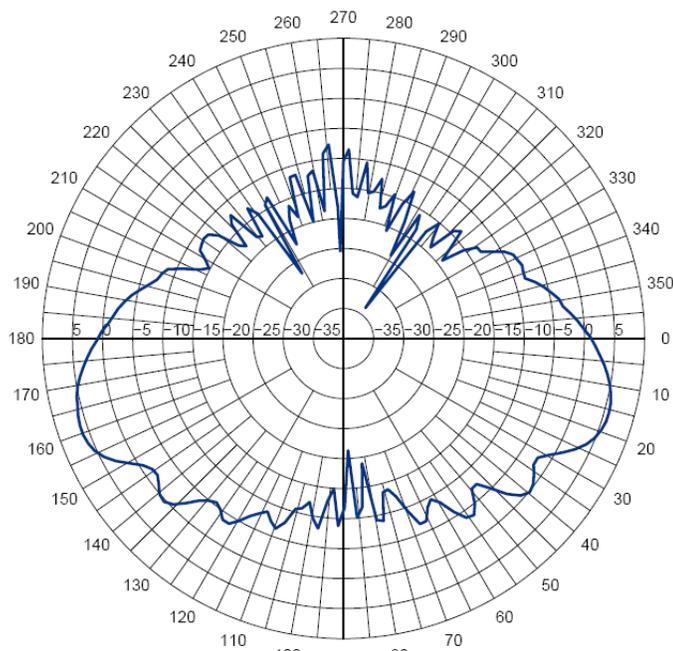
Dual Band Wi-Fi Antenna Designed to Mount on Oberon Enclosures



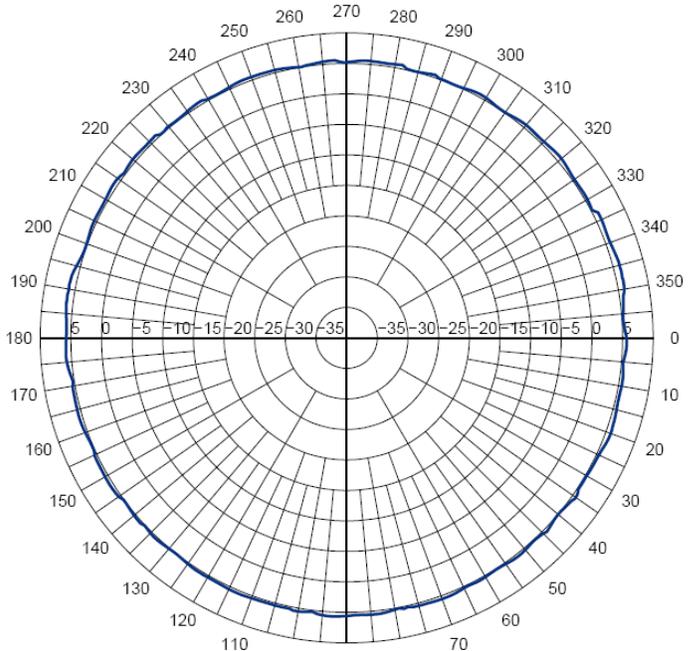
Elevation Cut at 2.4 GHz



Azimuth Cut at 2.4 GHz



Elevation Cut at 4.9-5.9 GHz



Azimuth Cut at 4.9-5.9 GHz

Model 34-MIMO

MIMO Wi-Fi Antenna Designed to Mount on Oberon Enclosures



This very aesthetic indoor antenna provides for simple IEEE 802.11n MIMO upgrades for access points with 3 connectors. The antenna pattern is designed for ceiling mounted installations. This antenna is to be used in Oberon’s Model 1052-HFHS-N ceiling-mounted wireless access point enclosure. The antenna simply clips into the enclosure door for a clean, professional look. The antenna’s PVC/Acrylic cover is color matched to the enclosure.



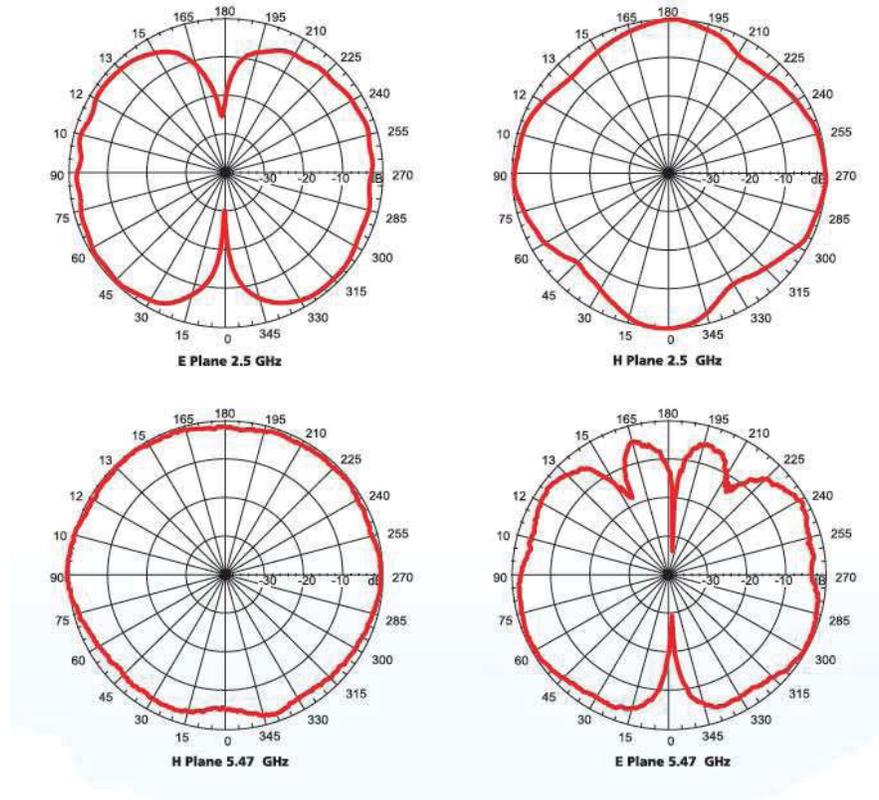
Model #34-MIMO-HFHS Specifications

MODEL 34-MIMO	CONNational Electric Code paragraphsTOR RPSMA	FREQ RANGE 2400-2485 MHz 4900-5900 MHz	GAIN 3 DBi 4 dBi	VSWR <2:1 <2:1
GROUND PLANE Ground Plane Independent	SIZE 308 X 2 X 92 mm	PIG TAIL 3” X 36” Plenum Rated	TEMP RANGE Indoor Office Environment	WEIGHT 0.39 kg

Rev. 3/12/2013

Model 34-MIMO

MIMO Wi-Fi Antenna Designed to Mount on Oberon Enclosures



Rev. 3/1/2013

34-ZMIMO3X1 DUAL BAND 3-PORT WI-FI ANTENNA

ANTENNA



This very aesthetic indoor antenna provides for simple IEEE 802.11n MIMO upgrades for access points with 3 connectors. The antenna pattern is designed for ceiling mounted installations. The three plenum rated cables exit from one stud mount in the antenna, requiring specification of, or replacement, of the door in Oberon's Model 1052, 1072, and other ceiling mounted enclosures. (The upgrade door for the 1052 is the 38-ADPDOORZMIMO3X1). The antenna's cover is a textured UL94 V-0 plastic which is color matched to the enclosure.

34-ZMIMO6X1 DUAL BAND 6-PORT WI-FI ANTENNA

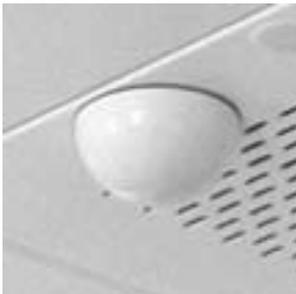
ANTENNA



This very aesthetic indoor antenna provides for simple IEEE 802.11n MIMO upgrades for access points with 6 connectors. The antenna pattern is designed for ceiling mounted installations. The six plenum rated cables exit from two stud mounts in the antenna, requiring specification of, or replacement, of the door in Oberon's Model 1052, 1072, and other ceiling mounted enclosures. (The upgrade door for the 1052 is the 38-ADPDOORZMIMO6X1). The antenna's cover is a textured UL94 V-0 plastic which is color matched to the enclosure.

34-DMDUAL-KIT DUAL BAND WI-FI ANTENNA

ANTENNA



This antenna provided pattern coverage for indoor applications operating in 2400-2485 MHz, as well as 5150 to 5830 MHz. This economical dome style model provided industry leading wideband performance and omni-directional gain. It features an attractive, compact package that is ideal for indoor applications where aesthetics are important.

34-BMANT24 OUTDOOR WIFI ANTENNA

ANTENNA



This antenna provided pattern coverage for indoor applications operating in 750-2700 MHz. This economical shot glass style model provided industry leading wideband performance and omni-directional gain. Aesthetic indoor/outdoor antenna for ceiling or vehicle body mounting w/ UV resistant ABS plastic cover.

34-BMANT5 OUTDOOR WIFI ANTENNA

ANTENNA



This antenna provided pattern coverage for indoor applications operating in 5150-5830 MHz. This economical shot glass style model provided industry leading wideband performance and omni-directional gain. Aesthetic indoor/outdoor antenna for ceiling or vehicle body mounting w/ UV resistant ABS plastic cover.

34-OMNI8-24 OMNI WI-FI ANTENNA

ANTENNA



This antenna provided pattern coverage for outdoor applications operating in 2400-2500 MHz range. This outdoor antenna model provided industry leading wideband performance and omni-directional gain. Antenna requires additional mounting clamps.

34-OMNI10-NF OMNI WI-FI ANTENNA

ANTENNA



This antenna provided pattern coverage for outdoor applications operating in 2400-2500 MHz range. This outdoor antenna model provided industry leading wideband performance and omni-directional gain. Antenna requires additional mounting clamps.

34-OMNI5-RPTNCM OMNI WI-FI ANTENNA

ANTENNA



This antenna provided pattern coverage for outdoor applications operating in 2400-2500 MHz range. This outdoor antenna model provided industry leading wideband performance and omni-directional gain. Antenna requires additional mounting clamps.

34-PATCH-RPTNCM-8 DIRECTIONAL WI-FI ANTENNA

ANTENNA



This antenna provided pattern coverage for outdoor applications operating in 2400-2500 MHz range. This indoor/outdoor antenna model provided industry leading wideband performance and omni-directional gain. Antenna requires additional mounting clamps.

35-CBXJ2WH-A



Surface mounted modular receptacle to field terminate data cabling within an Oberon enclosure. Accepts Panduit Min-Com® Modules for STP, UTP, fiber optic, and audio/video. Snaps in and out for easy moves, adds, and changes.

- Mounts easily with adhesive tape or optional magnet (CMB-X)
- Cable entry from side and rear knockouts and opening in center of base
- Includes built-in removable blank to add a second module
- Optional adhesive labels available
- Dimensions: 0.91"W X 1.77"H X 2.44"L

35-BRACKET-KIT



Right-angle mounting brackets for 2U 19-inch rack-mountable equipment for Oberon Model 1070, 1072, and 1074.

35-BRACKET-KIT Includes:

- Right and left brackets
- Mounting hardware

35-CORD-KIT



Cord Grip Connector Option Kit

For field termination

Un-terminated data cable is pused through the connector. The connector is then tightened on the data cable. Field terminate the cable inside of the enclosure.



- Plastic Snap-In Hole Connector
- 18" LMR195 RPTNC-F Bulkhead to RPSMA-M Pigtail

35-RJ45-KIT

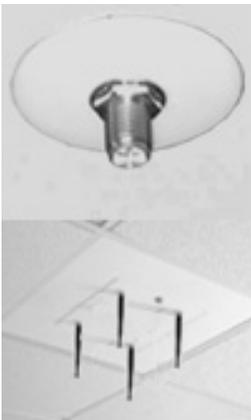


RJ-45 Bulkhead Pass-through Option Kit

For weather/dust proof terminations of data cable

- RJ-45 Bulkhead pass-through
- RJ-45 Cordsets available; must specify length and termination (see Jumper Option Kit)

35-BULKHD-KIT-RPSMA(F)



Snap-In Bulkhead Connector Kit

This RPSMA bulkhead connector snaps into the door of Oberon's ceiling enclosures, permitting any dipole ("rubber duck") antennas to be mounted on the door. Includes a plastic snap-in hole cover with RP-SMA(F) bulkhead connector, 18" LMR195 to RP-SMA(M) connector pigtail and washers.

- Plastic Snap-In Hole Connector
- 18" LMR195 RPSMA-F Bulkhead to RPSMA-M Pigtail
- Washers

35-BULKHD-KIT-RPTNC(F)



Snap-In Bulkhead Connector Kit

This RPTNC bulkhead connector snaps into the door of Oberon's ceiling enclosures, permitting any dipole ("rubber duck") antennas to be mounted on the door. Includes a plastic snap-in hole cover with RP-TNC(F) bulkhead connector, 18" LMR195 to RP-TNC(M) connector pigtail and washers.

- Plastic Snap-In Hole Connector
- 18" LMR195 RPTNC-F Bulkhead to RPTNC-M Pigtail
- Washers

35-GOREVENT



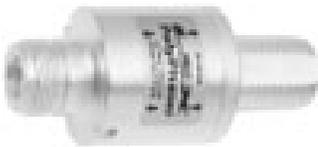
Gore Vent Option Kit

Allows “breating” for outdoor enclosures

Outdoor environments for access point and enclosures can fluctuate drastically between night and day causing condensation to form on the inside of the enclosure. The 35-GOREVENT-KIT enables the enclosure to “breathe,” allowing water vapor to exit the enclosure while preventing additional water vapor from entering inside the enclosure.

- 35-GOREVENT-KIT

38-LA-NF -OR- LA-RPTNCM



Lightning Arrestor Option Kit

Ring terminal included

- 0-6 GHz Lightning Arrestor (N-Female)
P/N 38-LA-NF
- 0-6 GHz Lightning Arrestor (Reverse Polarity TNC-Male)
P/N 38-LA-RPTNCM

Cabling Accessories

ADP-NFBLKHD



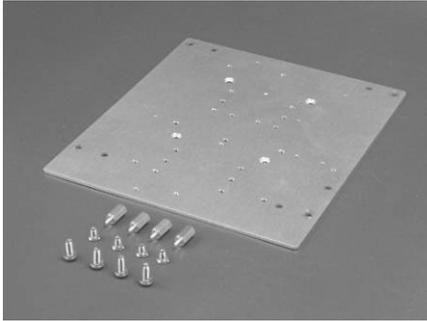
Bulkhead Adaptor Option Kit

Type N Adaptor

This TYPE-N (F) to TYPE-N (F) Bulkhead adaptor can be inserted into knockouts and openings in Oberon’s ceiling- and wall-mounted enclosures to conveniently connect TYPE-N “jumpers” to the access point inside the enclosure and attach dipole antennas to the exterior.

- ADP-NFBLKHD

38-1052-MNT-KIT



Universal Mounting Plate Option Kit

Wireless access point mounting accessory

Optional Universal Mounting Plate for use with the Model 1052-00 suspended ceiling enclosure. The universal mounting plate has mounting features for most leading wireless access points.

- 38-1052-MNT-KIT

Ceiling Mounting Accessories

38-CEILING-TBAR



Ceiling Grid T-Bar

Enclosure support

Some ceiling systems use 2' X 4' ceiling tiles. With these larger ceiling tiles, use the 38-CEILING-TBAR to provide a clean installation of Oberon's 2' X 2' ceiling enclosures. This T-bar is a standard 15/16" wide.

- 38-CEILING-TBAR

36-SLD15L2TP



Oberon 36-SLD15L2TP Caddy Speed Link kit for suspending static loads in a suspended ceiling.

CADDY® SPEED LINK LD is a universal support system that quickly suspends static loads, even at an angle. It is a cost-effective alternate to jack chain, threaded rod and associated hardware in wireless enclosures, lighting, ductwork and other installation projects. The 1.5 mm (0.059 inch) wire rope with a crimped-on hook holds working loads of up to 20 kg (44 lb) with a 5:1 safety factor. Wire rope is 2 m (6.6 ft) long. TWO PER PACKAGE.

36-SLD15Y500



The CADDY® Y-toggle is a universal support system that quickly suspends static loads, even at an angle. It is a cost-effective alternate to using jack chain, threaded rod and associated hardware to mount wireless access point enclosures, telecommunications enclosures, wire trays, etc. The toggles at the ends of the "Y" insert into mounting features in the back-box of the ceiling enclosure, allowing quick mounting and leveling of enclosures. The Y-Toggle meets the fire rating requirements of DIN 4102-2 for 30 minutes (for galvanized wire rope) and for 90 minutes (for stainless steel wire rope) at 30 percent of rated load, and works with a variety of CADDY® fasteners. The Y-toggle working load 44 lbs (20kg), and the Y-length is 19.6 in. (adjustable after installation).

36-SFCLT



The CADDY® 36-SFCLT Seismic Fixture Clamps attach fixtures securely to the ceiling frame member. This set of reinforcing clamps is designed to prevent the T-bar from twisting and disconnecting at the T-Bar intersections in a seismic event. The reusable clamps also helps prevent the fixture from separating from the T-bar framework. They will withstand the force of a standard fire hose. The CADDY® SFCLT family of fixture clamps consists of connectors for 2' x 4' and 2' x 2' light fixtures, as well as for end-to-end and side-by-side connections of light fixtures and for reinforcement of T-Bar main runner joints. In addition, they can be used to secure 2' x 2' air diffusers. Each reusable clamp is secured to the fixture and the T-Bar with two screws. Use of the clamps eliminates the need for two slack wires. The rated load of the CADDY® SFCLT is 10 times the weight of a standard 30-lb light fixture. The clamp is designed to work together with T-Bar runners to provide seismic restraint for the fixture without additional chains or cables attached to the fixture itself.

Rev. 3/1/2013

Appendix A – Industry Compliance Assurance

A well-designed network addresses the physical security of all components. In many industries, the need to ensure continual and secure operation of wireless networks has led to the development of guidelines and regulations regarding the proper placement of networking equipment in a variety of physical environments.

Government, Retail, and Healthcare are three such industries. All deal with sensitive, mission-critical information that must be secured from tampering and theft. Additionally, Healthcare environments must take infection control into account, complicating networks where reaching physical components can mean intrusion into air-handling spaces.

Enclosures for wireless equipment address these needs in a variety of ways:

- Secure networking components behind locking doors, away from tampering and theft attempts
- Attach securely to building structures for greater security and physical protection
- Accomplish moves, adds, and changes quickly, allowing authorized personnel to work below the back-box with no need to intrude on the air-handling space
- Lock access points into their best placement for ideal radiation patterns, ensuring that you retain full control over placement

For Oberon enclosures, security and convenience go hand-in-hand. Imagine making moves, adds, and changes in minutes simply by unlocking the enclosure door for easy access. Place your network equipment where you want it, and rest assured that it won't move or be removed.

SIMPLIFY PCI-DSS COMPLIANCE

Payment Card Industry Data Security Standard (PCI-DSS) requirement 9.1.3 states that the operator must "restrict physical access to wireless access points, gateways, and handheld devices" and "verify that physical access to wireless access points, gateways, handheld devices, networking/communications hardware, and telecommunication lines is appropriately restricted."

SAVE TIME & MONEY: SIMPLIFY ICRA PROCEDURES

In Healthcare, The Joint Commission on Hospital Accreditation has established procedures for mitigating the spread of infectious disease and contamination. Infection control risk assessment (ICRA) will have a serious impact on cabling installation, moves, adds, and changes.

Oberon enclosures provide access to wireless LAN access points and telecom equipment without entering the air-handling "plenum" space, simplifying compliance with ICRA guidelines. In addition to providing added safety, convenience, and the security of a locked door, Oberon enclosures also help installations meet the National Electric Code (N.E.C.) article 300.22 requirements for installing unlisted equipment above a suspended ceiling.

Telecom enclosures enhance long-term growth options with flexible cabling, allowing easy future changes and *Bringing Bandwidth Closer to the User™*.

GOVERNMENT NETWORK DEPLOYMENTS: SECURITY FIRST

Government / DoD– Directive 8100.2 mandates FIPS 140-2 compliance wherein FIPS 140-2 paragraph 4.5 requires "physical security mechanisms" to be applied.

Oberon enclosures feature locking doors and are secured to building structure, providing the physical security you need while remaining virtually transparent to wireless signals for optimum performance.

Oberon's National Electric Code paragraphs Compliance Statement and Underwriters Laboratories (UL™) Considerations when using Oberon's Wireless LAN Access Point Mounting Solutions

Manufacturers' Statement of Compliance with NFPA 70, National Electric Code

Oberon's wireless access point enclosures are constructed entirely of non-flammable steel and aluminum in the plenum space. Therefore, they are compliant with the following NFPA 70 National Electric Code paragraphs, for wiring and equipment in Plenum Space:

300-21 Spread of Fire or Products of Combustion

300-22 Wiring in Ducts, Plenums and Other Air Handling Spaces, paragraphs (a), (b), (c), and (d)

For Compliance with National Electric Code paragraphs, Wireless access point enclosures should be supported according to the following paragraph:

300.11 Securing and Supporting

(A) Secured in Place. Raceways, cable assemblies, boxes, cabinets, and fittings shall be securely fastened in place. Support wires that do not provide secure support shall not be permitted as the sole support. Support wires and associated fittings that provide secure support and that are installed in addition to the ceiling grid support wires shall be permitted as the sole support. Where independent support wires are used, they shall be secured at both ends. Cables and raceways shall not be supported by ceiling grids.

Appendix C – Warranty

Terms and Conditions

Sale of Equipment – Seller agrees to sell the equipment specified on any quotation, sales order, invoice, or packing slip to Buyer upon the terms and conditions stated below.

Shipment – Unless special arrangements are made, ownership of the goods and risk of damage/loss passes to Buyer when the freight carrier picks them up from Seller, and Buyer is responsible for filing any freight claims for damage or loss. If an item is received with freight damage, it is very important for the Buyer to note "Damaged Freight" on the carrier's bill before signing it.

Freight and Other Charges – Freight charges are prepaid by Seller and added to Buyer's invoice plus a service/handling charge. Sales tax will be charged as required by law.

Credit and Payment Terms – Standard credit terms are Net 30. Oberon accepts company checks, certified checks, Visa or MasterCard. Payments on past due invoices will be subject to a "Late Charge" in the amount of 1½% per month.

Returns and Exchanges – Returned hardware may be subject to a restocking fee of 20% for enclosure products and 10% for all other products. No returns will be accepted for customized orders, special cable order, etc. Returned units must be in original package, undamaged. No returns after 90 days. Customer shall insure return shipment for value of the product. Customer shall be responsible for legal and other fees associated with collection of payments for past due amounts.

Limited Warranty

Limited Warranty – Equipment manufactured by Seller -Seller warrants to Buyer that the equipment will be free of defects in materials and workmanship for a period of one (1) year from the date of shipment. This warranty shall not apply to any equipment, which is misused, or for any damage to the equipment resulting from improper installation or operation, vandalism, acts of God, or any other cause beyond reasonable control of the seller. This warranty shall be void if the equipment has been altered, tampered with, or repaired by a party other than the Seller or its authorized representative. In the event of equipment failure within the warranty period, Seller will repair or replace the defective equipment, at its option, provided that Buyer notifies Seller and obtains a RMA number prior to returning the equipment to Seller. Defective equipment must be returned, shipping prepaid, to the Seller's specified address. The warranty on repaired or replaced equipment will be the balance of the original Equipment Warranty. This Warranty Is In Lieu Of All Other Warranties, Express or Implied, Including, Without Limitation, Statutory Warranties or Warranty of Merchantability or Fitness for a Particular Purpose. Seller's sole liability and Buyer's sole remedy hereunder will be repair or replacement of the Equipment as provided in this agreement. Other Equipment -Seller will pass through to Buyer all original Manufacturers' Warranties that may apply to the equipment. Seller may, at its option, process warranty requests by the Buyer to the Original Manufacturer, or refer the Buyer to the Original Manufacturer. Seller is not responsible for any warranty-related issues.

OBERON HEREBY EXPRESSEDLY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE AND ALSO DISCLAIMS AND EXCLUDES ALL CONSEQUENTIAL AND INCIDENTAL DAMAGES FOR BREACH OF CONTRACT OR OTHERWISE.

Catalog last updated on 1/6/2014



- Wireless LAN Access Point Enclosures and Mounting Solutions
- Telecommunications Enclosures
- Antennas
- Cables
- Accessories

OBERON
WIRELESS & TELECOM ENCLOSURES

ARCAT
CAD, BIM, & CSI Specs

Bicsi
CORPORATE
MEMBER


Made in the USA


CISCO
DEVELOPER
Registered