



A division of Chatsworth Products

Oberon Wireless Mounting Solutions



Wireless Mounting Solutions by Oberon

Wireless equipment is challenging to install and maintain in building systems, because it must be placed to optimize network performance and the equipment change regularly.

Oberon can help in:

Commercial Property – to elevate the aesthetic by blending wireless solutions into the space

Healthcare – to address infection control procedures, patient safety and environmental concerns

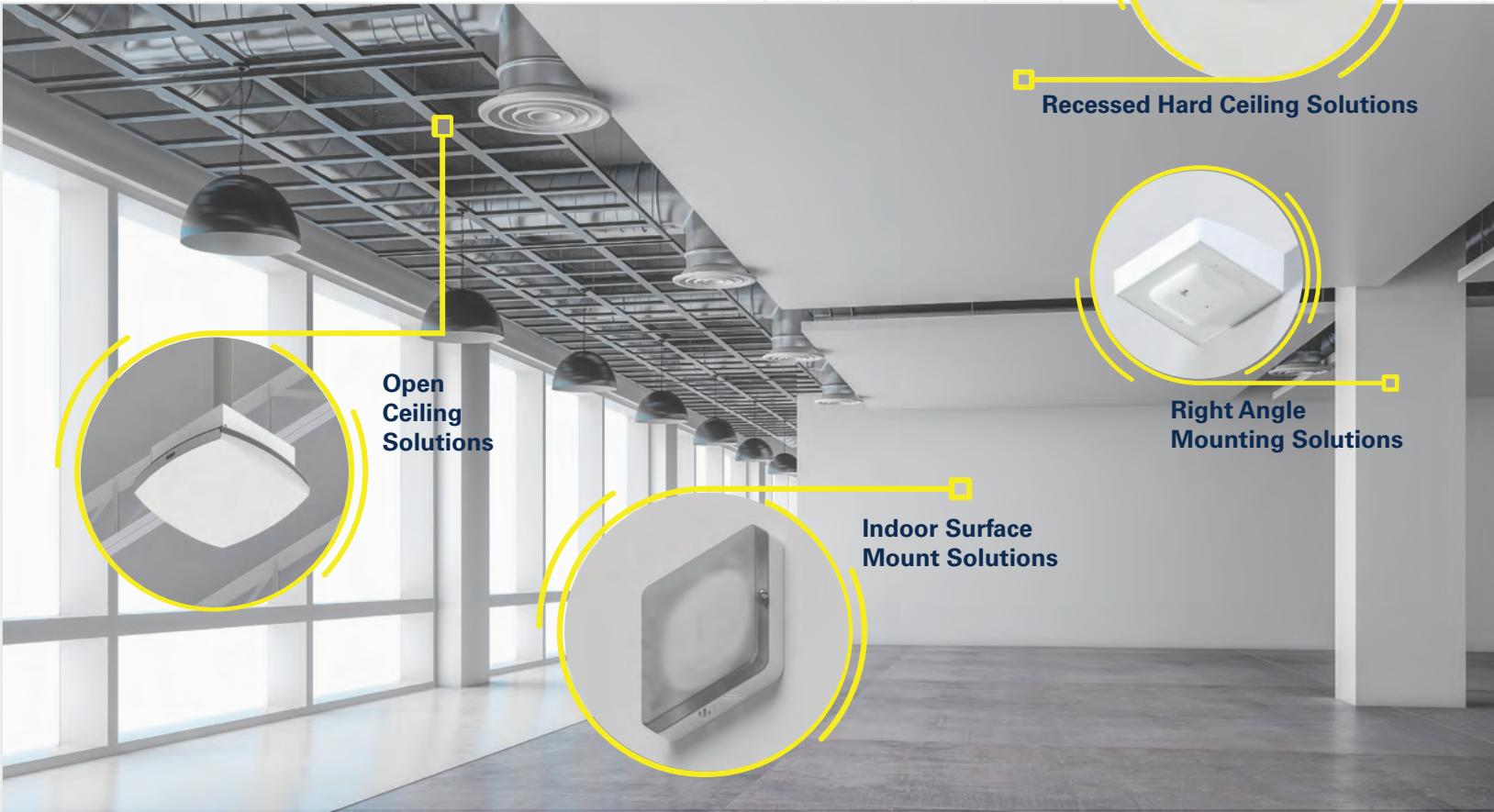
Education – to physically secure equipment in common spaces

Warehouse/Industrial/Retail – to adapt to high open ceilings, pathways for vehicles and moving equipment, and continuous floor plan changes

Airports and Stations – to address the complex layout of multiple level transitions, high and low ceilings, long narrow walkways in terminal spaces

Public Venues – to address the unique requirements of each facility, indoor/outdoor, overhead, under seating, along passageways, and in common spaces

Oberon develops wireless mounting solutions that attach to each type of building system.



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Why Oberon?

Oberon is focused specifically on the design of mounting solutions for wireless equipment.



Oberon designs focus on:

- Optimizing wireless coverage
- Ease of building installation
- Ease of attachment of wireless equipment
- Ease of upgrade when wireless equipment changes
- Options for physical security
- Options for aesthetics
- Options for wet and dirty environments



- ✓ Wi-Fi Access Points
- ✓ Distributed Antenna Systems
- ✓ Healthcare Telemetry
- ✓ 5G Small Cells
- ✓ IoT Gateways

Oberon partners with the industry leaders in wireless technology to create mounting systems that simplify attachment of wireless equipment to building structure and future technology changes.



Oberon Solutions include a range of enclosures with access point-specific doors and trims and mounts that include general attachment points for wireless equipment.



AP-specific trims and doors



Direct attachment points for enterprise access points

This brochure provides an overview of solutions, organized into tables for quick comparison by building attachment method.



Suspended Ceiling Solutions

Modify or replace a ceiling tile to create a space above the suspended ceiling for your access points and associated network connections.

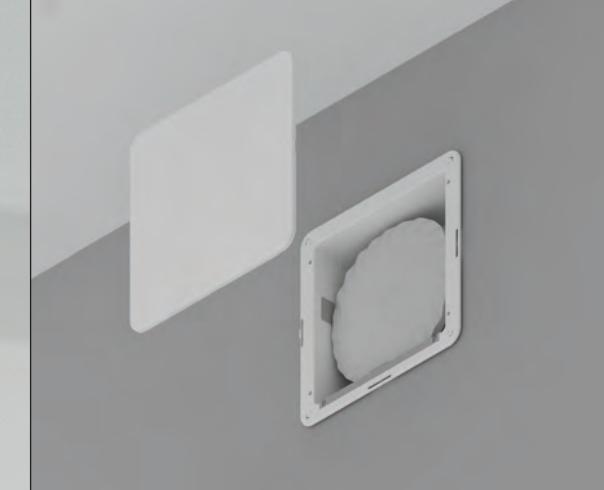
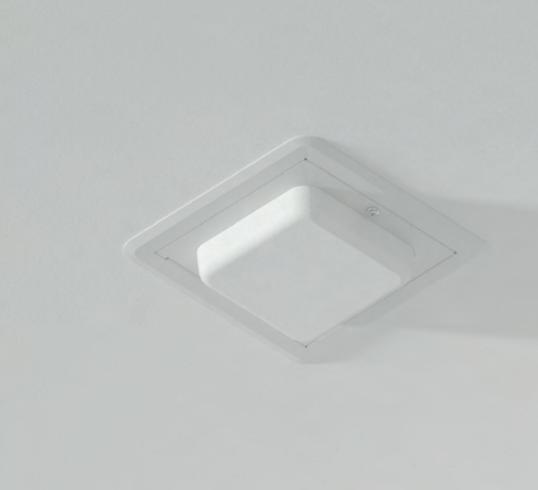
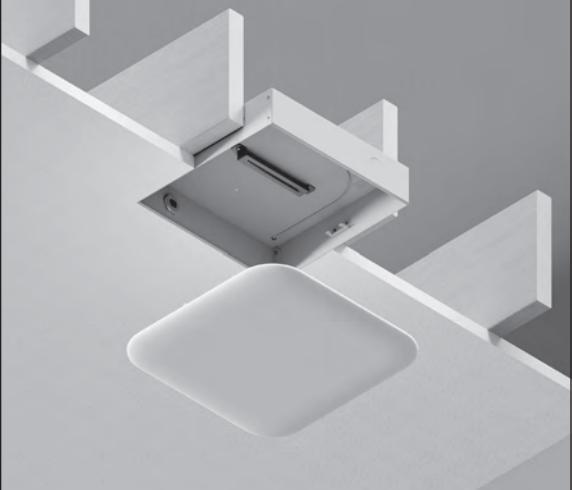


	In-Plane 1440	In-Plane 1444	Wi-Tile® 1047	Wi-Tile® 1047	Wi-Tile® 1074
Description	Basic Mounting Bracket with Torsion Spring Trim	Full Enclosure with Torsion Spring Trim	Full Enclosure with Hinged Locking Door	Full Enclosure with Hinged Locking Door	Large Full Enclosure with Hinged Locking Door
Application	Cloud Ceiling Easy Access	Full Ceiling Easy Access	Full Ceiling Secure Access	Full Ceiling Secure Access	Full Ceiling Secure Access
What Is Above Ceiling	Open Bracket	Full Enclosure	Full Enclosure	Full Enclosure	Full Enclosure
What Is Below Ceiling	Torsion-Spring Trim	Torsion-Spring Trim	Hinged Door	Hinged Door	Continuously Hinged Door
Door/Trim Options	Solid Cover (shown), AP-Specific Trim (available)	Solid Cover (available) AP-Specific Trim (shown)	AP-Specific Door	Dome Door	Dome Door (available) RU-Specific Door (shown)
Physical Security	N/A	N/A	Keyed Lock	Keyed Lock	Keyed Lock
Use in Plenum Ceiling	No	Yes	Yes	Yes	Yes
Addresses Medical Facility Infection Control Risk Assessment (ICRA) Concerns	No	Yes	Yes	Yes	Yes
Backbox size (approx.)	14" x 14" x 3"	14" x 14" x 3"	18" x 18" x 3"	18" x 18" x 3"	22" x 22" x 4.5" or 6.5"
Material	Metal Solid Cover is Plastic	Metal Solid Cover is Plastic	Metal	Metal Dome is Plastic	Metal Dome is Plastic
Building Attachment	Hanger Wire Cutout In Ceiling Tile	Hanger Wire Cutout In Ceiling Tile	Hanger Wire Replaces Ceiling Tile	Hanger Wire Replaces Ceiling Tile	Threaded Rod Replaces Ceiling Tile



Recessed Hard Ceiling Solutions

Recess an enclosure inside a ceiling or wall cavity to flush-mount or hide your access points, secure network connections and easily upgrade to future APs.



In-Plane 1442

Full Enclosure with Torsion Spring Trim

In-Plane 1443

Full Enclosure with Torsion Spring Trim

Wi-Tile® 1075

Full Enclosure with Hinged Locking Door

In-Plane 1018

Full Enclosure with Snap-On Cover

In-Plane 1019-RM

Large Full Enclosure with Snap-On Cover

Description

Full Enclosure with Torsion Spring Trim

Application

Existing Construction
Easy Access

New Construction
Easy Access

Existing Construction
Secure Access

Existing Construction
Secure Access

What Is Above Ceiling

Full Enclosure

Full Enclosure

Full Enclosure

Full Enclosure

Full Enclosure

What Is Below Ceiling

Torsion Spring-Trim

Torsion-Spring Trim

Continuously Hinged Door

Snap-On Cover

Snap-On Cover

Door/Trim Options

Solid Cover (available)
AP-Specific Trim (shown)

Solid Cover (shown)
AP-Specific Trim (available)

Dome Door (shown)
AP-Specific Door available

Full Cover (only)

Full Cover (only)

Physical Security

N/A

N/A

Keyed Lock

Secures with Screws

Secures with Screws

Use in Plenum Ceiling

Yes

Yes

Yes

N/A

N/A

Addresses Medical Facility

Yes

Yes

Yes

N/A

N/A

Infection Control Risk Assessment (ICRA) Concerns

Yes

Yes

Yes

Backbox size (approx.)

14" x 14" x 3"

14" x 14" x 3"

14" x 14" x 3"

10" x 10" x 3"

12" x 12" x 3"

Material

Metal
Solid Cover is Plastic

Metal
Solid Cover is Plastic

Metal
Dome is Plastic

Plastic

Plastic

Building Attachment

Hanger Wire and Toggle
Cutout In Ceiling Tile

Hanger Wire and Bracket
Cutout In Ceiling Tile

Hanger Wire and Clamp
Cutout In Ceiling Board

Toggle Hardware
Cutout In Wall

Toggle Hardware
Cutout In Wall



Open Ceiling Solutions

Secure and suspend your access points and associated network connections from high, open ceilings. Also available in black finish with accessory AP covers.



**Hi-Point
1008**



**Hi-Point
900-HC**



**Hi-Point
905**



**M-Frame
1312**

Description

Right Angle Bracket
Attach to Wall or Truss

Hanging Conduit Mount
with Cable Compartment

Hanging Conduit Mount
with Cable Compartment

Mounting Frame
with Multiple Mounting Methods

Application

Attach APs to Overhead Beams
and Trusses

Attach APs to Hanging Conduit
and Concealed Cables

Secure APs over Junction Boxes or
Hanging Conduit

Suspend APs and Antennas from
high ceilings

Includes T-Bar Bracket

Yes

Yes

No

Yes

Access Point Mount

Universal

Universal

Dome Door (available)
AP-Specific Door (shown)

Universal

1-inch Antenna Post

No

No

No

On Accessory Brackets

Physical Security

N/A

Spring Plunger

Keyed Lock

N/A

Panel size (approx.)

7" x 8.4"

7" x 7"

11" x 11"
13" x 13"

11.5" x 11.6"

Material

Metal

Metal

Metal

Metal

Building Attachment

Beam Clamps (included)
Clamps to Beam or Truss

Hanging Conduit
Attaches to 1-in or 3/4-in
trade size conduit

Optional Hanging Conduit
Accessory for 1-in or 3/4-in
Trade Size Conduit

Overhead Beam or Truss
Attaches to 30'L suspension wire
Optional accessories for beam, post,
wall attachment



Right Angle Mounting Solutions

Correctly orient access points and antennas when surface-mounted along perimeter walls, walkways, mezzanines or balconies.



**H-Plane
1008**

Basic Mounting Bracket
Universal Mounting

**H-Plane
1006**

Basic Mounting Bracket
AP-Specific

**H-Plane
1011**

Bracket with Locking Cover
Universal Mounting

**H-Plane
1007**

Enclosure with Locking Cover
AP-Specific

**Hi-Bar
1013**

Wall Mount Bracket
With Articulating Arm

Description

Application

Trim Options

Includes T-Bar Bracket

Access Point Mount

1-inch Antenna Post

Physical Security

Panel size (approx.)

Material

Building Attachment

Wi-Fi APs
Easy Access

Wi-Fi APs, DAS Antennas
Easy Access

Wi-Fi APs
Secure Access

Wi-Fi APs, DAS Antennas
Secure Access

Position APs or Antennas for
Aisles and Large Rooms

N/A

N/A

N/A

Dome Trim
AP-Specific Trim
Antenna Trim

N/A

Yes

N/A

Yes

N/A

Yes

Universal

AP-Specific

Universal

AP-Specific

Cisco

No

Yes

No

Use Antenna Trim

Yes

N/A

N/A

Locking Option

Keyed Lock

N/A

7" x 8.4"

Varies with AP

7" x 9"

13.5" x 13.5"

11.7" x 10"

Metal

Metal

Metal

Plastic
Metal Trim

Metal
Plastic Cover

Wall Mount
Place Over Network Outlet

Articulating Arm Adjusts
Up/Down and Left/Right



Surface Mounting Solutions

Protect and secure surface-mounted access points and network connections and simplify future upgrades.



	Hi-Point 905	Hi-Bar 1014	Hi-Bar 1015	Hi-Bar 1016
Description	Hinged Box Mount with AP Compartment	Smooth Enclosure with Screw-On Cover	Smooth Enclosure with Hinged Locking Door	Larger Smooth Enclosure with Hinged Locking Door
Application	Secure APs over Junction Box or Hanging Conduit	Secure APs in Healthcare Applications	Secure APs over Junction Box	Secure APs, Antennas over Junction Box
Includes T-Bar Bracket	No	Yes	Yes	Yes
Access Point Mount	AP-Specific	Cisco	Cisco	Cisco
Cover/Door Options	N/A	Solid or Frosted	Solid or Frosted	Solid or Frosted
Physical Security	Keyed Lock	Tamper-Resistant Screws	Keyed Lock	Keyed Lock
Panel size (approx.)	11" x 11" 13" x 13"	8.7" x 10.5" x 3.0"	10.6" x 8.6" x 3.0" 13.3" x 12.2" x 3.5"	17.4" x 10.5" x 4.5"
Material	Metal	Plastic	Plastic	Plastic
Building Attachment	Surface-Mount Place Over Network Outlet Accessory for 1-in or 3/4-in Trade Size Conduit	Surface-Mount Fully Sealed Enclosure	Surface-Mount Place Over Network Outlet Accessory for 1-in Trade Size Conduit	Surface-Mount Place Over Network Outlet



Environmental and NEMA Solutions

Protect and secure outdoor access points, network and power connections in wet and dirty environments.



**Skybar
1020**



**Skybar
1022**



**Skybar
1021**



**Skybar
1024**

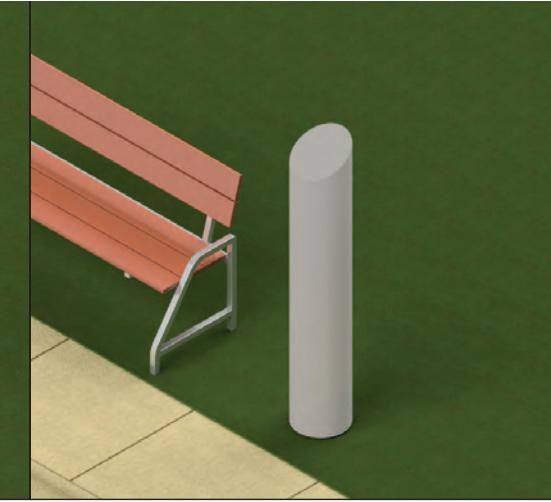


**Skybar
1026**

Description	Smooth Enclosure with Screw On Lid	Smooth Enclosure with Screw On Lid	Smooth Enclosure with Screw On Lid	Hinged Cover Enclosure with Padlock Hasp	Hinged Cover Enclosure with Padlock Hasp
Application	Secure Equipment in Dirty or Wet Environments	Secure Equipment in Dirty or Wet Environments	Secure Equipment in Dirty or Wet Environments	Secure Equipment in Dirty or Wet Environments	Secure Equipment in Dirty or Wet Environments
NEMA Rating	NEMA 4X/4/12	NEMA 4X/4/12	NEMA 4X/4/12	NEMA 4X/4/12	NEMA 4X/4/12
Includes Back Panel	Model 1020-12125 Only	Yes	Yes	Yes	Yes
Includes T-Bar Bracket	Yes	Yes	Yes	Yes	No
Access Point Mount	Removable Back Panel	Removable Back Panel	Removable Back Panel	Removable Back Panel	Removable Back Panel
Panel Size (approx.)	12.5" x 12.5"	8.5" x 12.4"	10.5" x 14.4"	3 Sizes	8 Sizes
Cover/Door Options	Opaque or Translucent	Opaque or Translucent	Opaque	Opaque or Translucent	Opaque or Translucent
Physical Security	Tamper Resistant Screws	Tamper Resistant Screws	Tamper Resistant Screws	Padlock Hasp	Padlock Hasp
Material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Building Attachment	Direct Attachment Integrated Mounting Flange	Direct Attachment Detachable Mounting Tabs	Direct Attachment Detachable Mounting Tabs	Direct Attachment Detachable Mounting Tabs	Direct Attachment Integrated Mounting Flange

**Environmental and NEMA Solutions**

Extend network coverage outdoors across the campus and in public spaces, parks, stadiums and transportation terminals.

**Skybar
3001****Skybar
3009****NetPoint
3032****NetPoint
3033****NetPoint
3036**

Description	Large Hinged AP and Antenna Cover	Under Seat AP Cover	Standard Bollard	Large Bollard	Large Bollard
Application	Enterprise Campus	Stadium, Large Venues	Enterprise Campus	Enterprise Campus	Street Furniture
Style	N/A	N/A	Beveled and Lighthouse	Beveled	Beveled
NEMA Rating	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R
Equipment Mounting	Back Panel	Angled Bracket	Flat and L-Bracket	Flat and L-Bracket	Flat and L-Bracket
Physical Security	Secures With Screws	Secures With Screws	Tamper Resistant Screws	Tamper Resistant Screws	Keyed Lock
Panel Size (approx.)	21"H x 14"W x 11"D	8"H x 11'W x 10"D	11.5" Diameter x 58"H 11.5" Diameter x 60"H	12.5" Diameter x 72"H	14" Diameter x 62"H
Custom Height	N/A	N/A	Yes	Yes	No
Custom Color	N/A	N/A	Yes	Yes	Yes
Material	Plastic	Fiberglass Metal Mounting Bracket	Polyethylene Metal Base	Polyethylene Metal Base	Fiberglass Metal Base
Building Attachment	Surface Attachment	Floor Attachment	Poured Concrete Base	Poured Concrete Base	Poured Concrete Base

Finishing Touches

Access Point Covers – Conceal access points with detachable covers that can be painted to match the environment

Accessories – Wall angle, pole mount and antenna mount brackets, cable grommets and installation kits for bollards

Retrofit Doors and Trims (Future Upgrades) – AP-Specific doors and trims allow you to deploy the next generation of APs into existing enclosures



Cover used with
H-Plane 1011 Series



Installation Kits



Replacement Doors

About Oberon

Oberon, a division of Chatsworth Products (CPI), is a leading designer and manufacturer of enclosures and mounting solutions for wireless access points, antennas, and other networking equipment. Trusted by thousands of organizations worldwide, Oberon solutions help ensure optimal wireless performance while preserving the integrity and aesthetics of the environment.

Getting Started

Let us help you select products for your project.

Contact Oberon:

877-867-2312

sales@oberonwireless.com

Browse product information:

oberonwireless.com

Search by Access Point:

<https://www.chatsworth.com/en-us/oberon-solutions-finder>



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