



Model 1020-RAB

NEMA 4 AP Enclosure: Screw-on cover, Right-angle

Category: Indoor/Outdoor NEMA



1020-RAB is a compact indoor/outdoor NEMA 4 enclosure that protects APs in challenging environments, and mounts the equipment in a horizontal orientation to achieve best wireless coverage. This rugged polycarbonate enclosure protects the AP from weather, pressure spray, spilling liquids, dust, and impacts, and is transparent to wireless signals so APs with body-integrated antennas or small detachable antennas may be protected. This plastic is paintable for more effective concealment.



Features & Benefits

- Compact, rugged enclosure for installing APs in challenging environments; right-angle bracket (RAB) included for wall mounting
- Designed to NEMA 1, 2, 4, 4X, 12, and 13, and IEC529-IP65 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 four stainless steel screws; silicon gasket material provides seal

Technical Specifications

- Design: Rugged polycarbonate NEMA wireless access point enclosure designed for surface mounting indoors or outdoors. Includes right-angle bracket for mounting enclosure in preferred horizontal orientation on wall or pole. Right-angle wall bracket acts as sun shield for enclosure. Helps to reduce solar load on outdoor mounted enclosure.
- Performance: Designed to NEMA 1, 2, 4, 4X, 12, and 13, and IEC529-IP66 specifications for indoor/outdoor wet, dirty, or corrosive environments. UV-stabilized for exposure to direct sunlight. Transparent to wireless signals. Paintable.
- Exterior 10ga steel right-angle mounting bracket; grey powder-coated
- Oberon Skybar-shaped screw on cover with gasket; cover screws must be torqued to 8in-lbs.; cover screws are recessed into cover
- Internal universal T-bar bracket
- Construction: UL listed to UL508; body and cover are light gray UL94-V0 PBT/PC blended plastic
- AP max. operating temperature should be de-rated by 11° C inside the enclosure
- Temperature rating: -40 to 120° C
- Exterior Size: 10.78 inches by 9.06 inches by 7.39 inches (274mm by 230mm by 188mm Interior dimensions 8.8 inches by 10.5 inches by 3.7 inches (224 mm by 267 mm by 95 mm)

Configurations

Please specify configuration when ordering.

Model Number	Description
1020-00	Polycarbonate NEMA 4 AP Enclosure: Screw-on cover
1020-RAB	NEMA 4 AP Enclosure: Screw-on cover, Right-angle
1020-RAB-PMK	NEMA 4 AP Enclosure: Screw-on cover, Right-angle

Measurements *(Maximum values):*

- Height: 10.78 in.
- Width: 9.06 in.
- Depth: 7.39 in.
- Item Weight: 5 lbs.
- Shipping Weight: 6 lbs.

Includes

- (1) Oberon Model 1020-00 Base and Lid
- (1) Universal T-bar bracket
- (2) Nylon Spacer
- (1) Right-angle enclosure bracket
- (2) #6 x 7/8" Screw
- (4) #6 x 1/4" Screw
- (4) M4 x 20mm Lid Screw
- (4) M4 x 10mm Bracket Screw
- (4) 4mm Lock Washer
- (4) 10mm Hex Standoff
- Installation instructions

Available Accessories


- [39-1020-PMK](#) - Pole Mount Kit for Oberon Model 1020-RAB
- [39-CORD-GRIP](#) - Cord Grip Connector for Pre-Terminated Cables
- [39-RJ45-BULKHEAD](#) - Bulkhead Modular Pass -Through

Videos - <https://www.youtube.com/user/oberoninc>

1020-RAB - Cisco APs - Installation Video [View at https://youtu.be/_XVPcoB83V0](https://youtu.be/_XVPcoB83V0)


1020-RAB - Aruba APs - Installation Video [View at https://youtu.be/kbHR34QuVvY](https://youtu.be/kbHR34QuVvY)

Documentation Links

 [Spec Sheet](http://oberoninc.com/index.php?option=com_content&view=article&id=1517&Itemid=399) - oberoninc.com/index.php?option=com_content&view=article&id=1517&Itemid=399

 [Installation Instructions](http://oberoninc.com/images/WebDocs/Model1020-RAB_Installation_Instructions.pdf) - oberoninc.com/images/WebDocs/Model1020-RAB_Installation_Instructions.pdf

 [Customer Prints](http://oberoninc.com/images/WebDocs/Model1020-RAB_Customer_Print.pdf) - oberoninc.com/images/WebDocs/Model1020-RAB_Customer_Print.pdf

 [App Note - Wireless Coverage FAQ](http://oberoninc.com/images/WebDocs/Model1025-00_coverage_FAQ.pdf) - oberoninc.com/images/WebDocs/Model1025-00_coverage_FAQ.pdf

 [SECTION 27_21_33 DATA COMMUNICATIONS WIRELESS ACCESS POINTS](http://oberoninc.com/images/WebDocs/SECTION_27_21_33_DATA_COMMUNICATIONS_WIRELESS_ACCESS_POINTS.pdf) -

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 [Model Viewer available at oberoninc.com](#)

Images and documents may depict similar models in the product series.

Dimensional Images

