

Fiber Splice Dome Enclosure - 54 Splicing Trays, 648 Fiber Capacity, IP68 Rated

MODEL NUMBER: N600D-0648-54



Allows convenient outdoor connection of fiber cables and protects them from the elements in a large broadband deployment.

Features

Provides Durable, Customizable Protection for Outdoor Fiber Cable Runs

This fiber splicing dome enclosure comes with 54 splice trays that accommodate up to 12 unterminated cables each to give you more flexibility in adjusting cable lengths and connection types directly on-site. The N600D-0648-54 is ideal for singlemode and multimode fiber infrastructure in municipal broadband installations, including residential (Fiber to the Home or FTTH) and commercial (Fiber to the Premise or FTTP). This also includes underground fiber runs and those spanning utility poles.

Flexible Connections in Your Fiber Network

By accommodating and protecting 648 splicing connections, the N600D-0648-54 provides a high level of scalability in your network design. The enclosure supports up to 18 cable entry passthroughs to support a variety of cable runs. Each hinged fiber splice tray allows access to internal cabling without having to remove other trays, making re-entry and re-use convenient.

IP68 Rating Denotes Resistance to Dust and Water

The N600D-0648-54's IP68 rating means the enclosure is 100% protected against dust and able to endure immersion in 1.5 meters of water for up to 60 minutes with no damage or decline in performance.

Cable Management That's User Friendly

Built-in labeling cards log which fiber is spliced to each of the 12 main MPO cable colors. Integrated cable ties keep cables well organized and secure. Included tubing protects each splice point.

Multiple Installation Choices

Operating temperature range from -49°F to 149°F (-45°C to 65°C) supports safe installation in a wide range of outdoor climates. It can be installed on a pole, on a wall, on overhead telco lines or underground.

Highlights

- Recommended for FTTH/FTTP installations, including long underground fiber runs
- Accommodates up to 648 singlemode and multimode splicing connections
- Hinged splicing trays provide easy access to cabling without removing other trays
- IP68 rated to allow outdoor installations in up to 1.5 meters of water
- Compatible with pole, wall, aerial or underground installation

Package Includes

- N600D-0648-54 648 Fiber Splice Dome Enclosure
- (648) Splicing tubes
- (17) Heatshrink tubes
- EVA tube
- Silicon oil
- Insulation tape
- Cleaning paper
- Pole-mounting hardware
- Owner's manual

Specifications

| OVERVIEW | |
|----------|--------------|
| UPC Code | 037332279866 |



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TRIPP LITE
SERIES

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|--------------------------------------|---|
| Product Type | Dome Closure |
| Technology | Multimode; Singlemode |
| Optical Mode | OM1; OM2; OM3; OM4; OM5; OS2; SM |
| Panel Dimensions | 11.81" X 25.98" |
| Mode Type | Multimode; Singlemode |
| Firmware / Software Docs | |
| Offset Ports | No |
| CONNECTIONS | |
| Number of Ports | 18 |
| Ports Detail | 12 x 8-16 mm round4 x 14-22 mm round2 x 10-25 mm oval |
| Cassette Capacity | 54 |
| Side A - Connector 1 | BARE FIBER |
| Side B - Connector 1 | BARE FIBER |
| Total Capacity | 648 fibers |
| Number of Cassette Splicing Trays | 54 |
| Splicing Tray Dimensions (hwd/mm) | 8 x 109 x 133 |
| Cassette Splicing Tray Capacity | 12 fibers |
| PHYSICAL | |
| Material of Construction | Plastic |
| Number of Fibers | 648 |
| Housing Color | Black |
| Rackmountable | No |
| Shipping Dimensions (hwd / in.) | 11.80 x 39.40 x 13.80 |
| Shipping Weight (lbs.) | 23.81 |
| Shipping Weight (kg) | 10.80 |
| Unit Dimensions (hwd / in.) | 25.980 x 11.810 x 25.980 |
| Mounting Details | WALL, POLE, AERIAL |
| ENVIRONMENTAL | |
| Operating Temperature Range | -49° to 149° F (-45° to 65° C) |
| Storage Temperature Range | -49° to 149° F (-45° to 65° C) |
| Operating Humidity Range | 5% to 85% RH, non-condensing |
| Storage Humidity Range | 5% to 85% RH, non-condensing |
| FEATURES & SPECIFICATIONS | |



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TRIPP LITE
SERIES

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|-------------------------------------|------------------------------|
| Grounding | 1 x feed-through ground stud |
| All-in-One Kit | No |
| Mounting Accessory Included | No |
| IP68 Rated | Yes |
| Ingress Protection (IP) Rating | IP68 |
| Numbered Ports | No |
| Built-in Cable Management | No |
| Keystone Jacks | No |
| Built-in Cables | No |
| Color-Coded Connections | No |
| EIA/TIA 2/32 Spacing | No |
| Labeled Ports | No |
| Down-Angled Ports | No |
| Outdoor Use | Yes |
| STANDARDS & COMPLIANCE | |
| Product Compliance | RoHS; REACH |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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