Fiber Splice Dome Enclosure - 6 Splicing Trays, 288 Fiber Capacity, IP68 Rated

MODEL NUMBER: **N600D-0288-6**

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 six splice trays that accommodate up to 48 unterminated cables to give you more flexibility in adjusting cable lengths and connection types directly on-site. The compact N600D-0288-6 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 288 splicing connections, the N600D-0288-6 provides a high level of scalability in your network design. The enclosure supports up to six 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 on-going re-entry and re-use convenient.

IP68 Rating Denotes Resistance to Dust and Water
The N600D-0288-6'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 labels 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.

A Great Variety of 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 288 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-0288-6 288 Fiber Splice Dome Enclosure
- (288) Splicing tubes
- (20) Cable ties
- (4) Choke plugs
- (8) Cable grommets
- EVA tube
- Silicon oil
- Insulation tape
- Cleaning paper
- Pole-mounting hardware
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332279842

Product Type	Dome Closure
Technology	Multimode; Singlemode
Optical Mode	OM1; OM2; OM3; OM4; OM5; OS2; SM
Mode Type	Multimode; Singlemode
Firmware / Software Docs	
Offset Ports	No
CONNECTIONS	
Number of Ports	6
Ports Detail	2 x 8-17.5 mm, round2 x 10-25 mm, round2 x 10-25 mm
Cassette Capacity	6
Side A - Connector 1	BARE FIBER
Side B - Connector 1	BARE FIBER
Total Capacity	288 fibers
Number of Cassette Splicing Trays	6
Splicing Tray Dimensions (hwd/mm)	15 mm x 132 mm x 276.5 mm
Cassette Splicing Tray Capacity	48 fibers
PHYSICAL	
Material of Construction	Plastic
Number of Fibers	288
Housing Color	Black
Rackmountable	No
Shipping Dimensions (hwd / in.)	9.60 x 23.60 x 11.00
Shipping Weight (lbs.)	14.55
Shipping Weight (kg)	6.60
Unit Dimensions (hwd / in.)	18.110 x 8.860 x 18.110
Unit Weight (lbs.)	13.45
Unit Weight (kg)	6.10
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	
Grounding	1 x feed-through grounding 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