OptiSheath® MF12 MultiPort Terminals

CORNING

Features and Benefits

Preconnectorized with OptiTip® multifiber adapters
Enables faster installation and easier moves, adds and changes

Factory terminated
Eliminates need for field termination, improving reliability and speed of deployment

Configurable from 48-144 fibers, single-mode
Network flexibility

Environmentally robust
Reliable performance

Corning OptiSheath® MF12 multiport terminal combines the OptiTip® adapter with a sealed closure for quick and easy deployment. The factory-terminated enclosure eliminates time required for field-termination methods while providing industry-leading quality and reliability. The OptiSheath MF12 multiport terminal is easily mounted in pedestals, on poles or below ground for increased deployment versatility.

The MF12 terminal is fully compatible with existing preconnectorized OptiTip® Multifiber Connector solutions and is ideal for easy installation of zone architectures. When paired with OptiTip Interconnect Cable, OptiSheath® UltraNAP™ and OptiSheath MultiPort Terminals, many design challenges such as cul-de-sacs and small pockets of homes can be accommodated to create efficient and scalable networks.

Standards

Design and Test Criteria	Telcordia GR-771-CORE, Issue 1
Approvals and Listings	RDUP (RUS) Listed

OptiSheath MF12 Multiport Terminal
| Photo TRCLS265

OptiTip Multifiber Connector
| Photo LAN999

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Specifications

Mechanical Characteristics		
	Dimensions (L x W x H)	Weight
8-port Terminal	312 mm x 76 mm x 86 mm (12.3 in x 3.0 in x 3.4 in)	0.7 kg (1.5 lb)
12-port Terminal	381 mm x 101 mm x 147 mm (15.0 in x 4.0 in x 5.8 in)	1.1 kg (2.4 lb)

Optical Characteristics		
	Insertion Loss, Maximum per OptiTip® Port	Return Loss
OptiSheath® MultiPort Terminal	0.35 dB	> 65 dB

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Ordering Information

MF12 - 0 0 7 7 ☐☐ E ☐☐ S ☐☐☐☐ ☐
　　　 ①　 ②　 ③　 ④ ⑤ ⑥ 　⑦　 ⑧

1 Defines fibers per port.

　12 = 12 fibers per port

2 Defines connector type 1.

　00 = Bare end

3 Defines connector type 2.

　77 = Single-mode OptiTip®
　　　　Ports

4 Select fiber count.

　8-port Housing
　48 = 48-fiber stubbed cable
　72 = 72-fiber stubbed cable
　96 = 96-fiber stubbed cable

　12-port Housing
　E4 = 144-fiber stubbed cable

5 Defines fiber type.

　E = Single-mode (OS2)

6 Defines cable type.

　U4 = ALTOS® Cable
　V4 = RPX® Gel-Free Flat
　　　　Ribbon Cable

7 Select cable length.

　See Notes 1 and 2.

8 Select unit of measure.

　F = Feet
　M = Meters

1) 3500 ft (1060 m) maximum length for all fiber counts
2) Lengths must be ordered in increments of 25 ft or 10 m.

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Hardware Accessories

Part Number	Product Description	Units per Delivery	
MOB-KT-UNIV-BKT	Universal Mounting Bracket Pack for 4- and 12-port housing	10/1	
MOB-KT-AHD	4-, 6-, and 8-port Mounting Bracket for aerial strand applications	1/1	
MOB-KT-AHD-12	12-port Mounting Bracket for aerial strand applications	1/1	