

# 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 fibres, 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® Multifibre 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
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Approvals and Listings	RDUP (RUS) Listed
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OptiSheath MF12 Multiport Terminal  
| Photo TRCLS265



OptiTip Multifibre Connector  
| Photo LAN999

# OptiSheath® MF12 MultiPort Terminals



## 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



**1** Defines fibres per port.  
12 = 12 fibres per port

**2** Defines connector type 1.  
00 = Bare end

**3** Defines connector type 2.  
77 = Single-mode OptiTip® Ports

**4** Select fibre count.  
**8-port housing**  
48 = 48 fibre stubbed cable  
72 = 72 fibre stubbed cable  
96 = 96 fibre stubbed cable  
**12-port housing**  
E4 = 144 fibre stubbed cable

**5** Defines fibre type.  
E = Single-mode

**6** Defines cable type.  
U4 = ALTOS® Cable

**7** Select cable length.  
**Examples:**  
010 = 10  
050 = 50  
100 = 100  
500 = 500  
*See Notes 1 and 2.*

**8** Select unit of measure.  
M = Meters  
F = Feet

**Table A: Alpha Codes for lengths ≥ 1000**

A00 = 1000	O00 = 2300
B00 = 1100	P00 = 2400
C00 = 1200	Q00 = 2500
D00 = 1300	R00 = 2600
E00 = 1400	S00 = 2700
F00 = 1500	T00 = 2800
G00 = 1600	U00 = 2900
H00 = 1700	V00 = 3000
J00 = 1800	W00 = 3100
K00 = 1900	X00 = 3200
L00 = 2000	Y00 = 3400
M00 = 2100	Z00 = 3500
N00 = 2200	




1) 1060 m (3500 ft.) maximum length for all fiber counts

2) Lengths must be ordered in increments of 10 m or 25 ft.

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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	

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