OptiSheath® MultiPort Terminal

CORNING

Features and Benefits

OptiTap® cable assembly connector ports for customer drop terminations
Lower installation cost and increase speed of customer connection

Available stubbed or preterminated with OptiTip® Multifiber Connector
Design flexibility and inventory simplicity

4- and 12-port designs supplied with universal mounting bracket
No additional mounting brackets required

Ultrasonically welded housing
Eliminates water ingress potential and prevents unwanted entry in the field

Factory-terminated polished connectors
Eliminates loss associated with excess fusion splices

4-, 6- and 8-port configurations compatible with standard 8-in pedestal
Lower profile

The OptiSheath® MultiPort Terminal is designed for use in outside plant fiber access networks. This innovative terminal provides sealed environmental protection and fast, easy incremental connection of subscriber drop cables while increasing deployment velocity. Its reliability and flexibility make it the ideal choice for network access point terminals in fiber-to-the-x (FTTx) and access network deployments. The stubbed terminal provides the ability to consolidate cable access points by routing several terminal stubs to a single splice location. This increases workforce efficiency and reduces the overall installation time required to connect customers in FTTx networks.

The OptiSheath® Terminal is available in four configurations: four, six, eight and 12 OptiTap® Single-fiber Connector ports. Used in either spliced or preterminated applications, the integrated cable stub is availale in both dielectric and toneable cable designs.

Standards

Design and Test Criteria	Designed and third-party tested to requirements of Telcordia GR-771-CORE, Issue 1

OptiSheath MultiPort Terminals
| Photo TRCLS024

OptiSheath® MultiPort Terminal

Universal Mounting Bracket, MOB-KT-UNIV-BKT
| Photo TRCLS002

OptiTap Single-Fiber Connector
| Photo COP231

Specifications

Mechanical Characteristics

	Dimensions (L x W x H)	Weight
4-port Terminal	274 mm x 66 mm x 73 mm (10.8 in x 2.6 in x 2.9 in)	0.3 kg (0.7 lb)
6- and 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)

Shipping Package

	Packaging Dimensions (L x H x W)	Weight	Packaging Method
Terminal Stub Length (cables ≤ 350 ft)	152 mm x 762 mm x 762 mm (6 in x 30 in x 30 in)	-	Box
Terminal Stub Length (cables > 350 ft)	846 mm x 178 mm x 846 mm (33 in x 7 in x 33 in)	-	Reel

Optical Characteristics

	Fiber Type	Insertion Loss, Maximum	Insertion Loss, Typical	Reflectance, Maximum
OptiTap® Single-Fiber Connector	Single-mode (OS2)	0.50 dB	0.15 dB	-65 dB
OptiTip® Multifiber Connector	Single-mode (OS2)	0.50 dB	0.35 dB	≤ -65 dB

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OptiSheath® MultiPort Terminal

Ordering Information

OptiSheath Multiport Terminal, stubbed

M O B - ▢▢ ▢▢ ▢▢ ▢▢ ▢ W - ▢

| 1 | 2 | 3 | 4 | 5 | 6 |

1 Select number of OptiTap® Single-fiber Connector ports.

04 = 4 ports
06 = 6 ports
08 = 8 ports
12 = 12 ports

2 Select connector type.

44 = Single-mode SC APC
58 = Single-mode SC UPC

3 Select cable type.

FD = SST flat dielectric drop cable
TD = SST flat toneable drop cable

4 Select cable length.

See Note 1.

5 Select unit of measure.

F = Feet
M = Meters

6 Select packaging.

P = Individual packaging

See Notes 2 and 3.

Table A: Alpha Codes for lengths ≥ 1000 ft

A00 = 1000
B00 = 1100
C00 = 1200
D00 = 1300
E00 = 1400
F00 = 1500
G00 = 1600
H00 = 1700
J00 = 1800
K00 = 1900
L00 = 2000

1) Minimum cable length is 10 ft or 3 m. Additional lengths may be ordered in increments of 10 and 25 ft or 5 m. For lengths ≥ 1000 ft (see Table A). Maximum length is 3400 ft or 1035 m.
2) Leave blank for bulk packaging; minimum order quantities will apply.
3) Shipping reel provided on lengths greater than 350 ft or 106 m.

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OptiSheath® MultiPort Terminal

Ordering Information

OptiSheath Multiport Terminal with OptiTip Multi-Fiber Cable Assembly

M T B - ☐☐ ☐☐ ☐☐ ☐☐☐ ☐ W - ☐

1 **2** **3** **4** **5** **6**

1 Select number of OptiTap® Single-Fiber Connector ports.

04 = 4 ports
06 = 6 ports
08 = 8 ports
12 = 12 ports

2 Select connector type.

44 = Single-mode SC APC
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3 Select cable type.

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1) Minimum cable length is 10 ft or 3 m. Additional lengths may be ordered in increments of 10 and 25 ft or 5 m. For lengths ≥ 1000 ft (see Table A). Maximum length is 3400 ft or 1035 m.
2) Leave blank for bulk packaging; minimum order quantities will apply.
3) Shipping reel provided on lengths greater than 350 ft or 106 m.
4) Minimum length for toneable MTB is 20 ft.
5) Please contact Customer Care at 1-800-743-2675 for extended length offerings.

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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	
OPTITAP-EXT	OptiTap® Extender Trunk	1/1	

Cleaning Accessories

Part Number	Product Description	Units per Delivery	
CLEANER-PORT-OTAP	Single-fiber port cleaner for OptiTap® connector end-faces	1/1	

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