

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® Multifibre 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 fibre 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 fibre-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-fibre Connector ports. Used in either spliced or preterminated applications, the integrated cable stub is available in both dielectric and toneable cable designs.



OptiSheath MultiPort Terminals

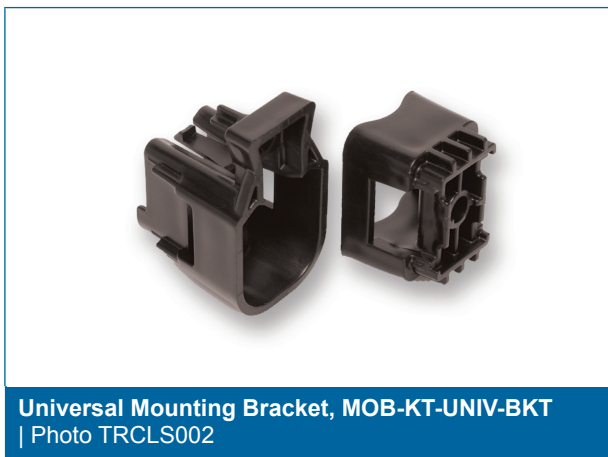
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Standards

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



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

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Optical Characteristics

	Fibre Type	Insertion Loss, Maximum	Insertion loss, typical	Reflectance, Maximum
OptiTap® Single-Fibre Connector	Single-mode (OS2)	0.50 dB	0.15 dB	-65 dB
OptiTip® Multifibre Connector	Single-mode (OS2)	0.50 dB	0.35 dB	≤ -65 dB

Ordering Information

M O B - W -

1
2
3
4
5
6

1 Select number of OptiTap® Single-Fibre 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.

Examples:
 015 = 15
 023 = 23
 030 = 30
 152 = 152
 183 = 183
 A00 = 1000
 See Note 1.

5 Select unit of measure.
 M = Meters
 F = Feet

6 Defines packaging.
 P = Individual packaging
 See Notes 2 and 3.

Table A: Alpha Codes for lengths ≥ 1000

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 3 m or 10 ft. Additional lengths may be ordered in increments of 5 m. For lengths ≥ 1000 ft (see Table A). Maximum length is 1035 m or 3400 ft.

2) Leave blank for bulk packaging; minimum order quantities will apply.

3) Shipping reel provided on lengths greater than 106 m or 350 ft.

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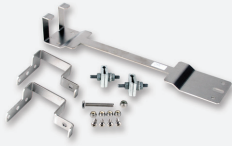
4) Minimum length for toneable MTB is 6 m or 20 ft.

5) Please contact Customer Service 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	

Cleaning Accessories

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

Corning Optical Communications GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, GERMANY
00 800 2676 4641 · FAX: +49 30 5303 2335 · www.corning.com/opcomm/emea

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