

# OptiSheath® MultiPort Terminal

An Evolant®  
Solutions Product

## features and benefits |

<b>OptiTap® Cable Assembly connector ports for customer drop terminations</b>	Lower installation cost and faster customer connection
<b>Available stubbed or pre-terminated with OptiTip® Multi-Fiber Connector</b>	Design flexibility and inventory simplicity
<b>4- and 12-port designs supplied with universal mounting bracket</b>	No additional mounting brackets required
<b>6- and 8-port designs with integrated mounting capability</b>	
<b>Ultrasonically welded housing</b>	Eliminates water ingress potential and prevents unwanted entry in the field
<b>Factory-terminated polished connectors</b>	Eliminates loss associated with excess fusion splices
<b>4-, 6- and 8-port configurations compatible with standard 8-in pedestal</b>	Lower profile



OptiSheath MultiPort Terminals | Photo TRCLS023

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 OptiSheath MultiPort Terminal is available in four configurations: four, six, eight and 12 OptiTap Single-Fiber Connector ports. Used in either spliced or pre-terminated applications, the integrated cable stub is available in both dielectric and toneable cable designs.

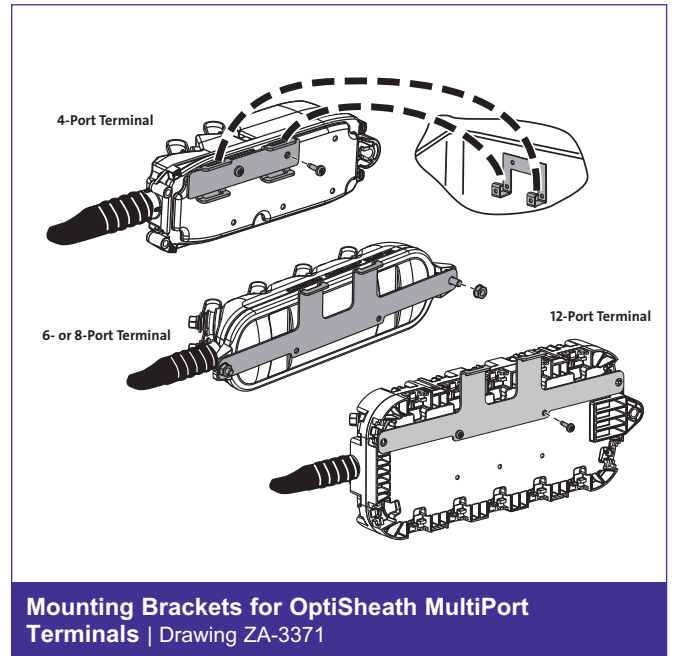
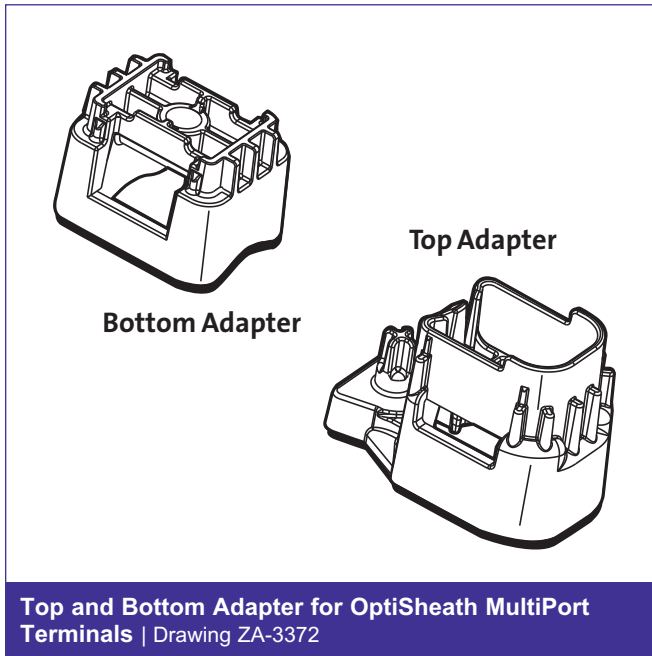
The stubbed terminal provides the ability to consolidate cable access points by routing several terminal stubs to a single splice location. This increases workforce efficiency and reduces the overall installation time required to connect customers in FTTx networks. The optional 12-fiber OptiTip Multi-Fiber Cable Assembly is designed for use with the FlexNAP™ Terminal Distribution System for quick and easy deployments.

## standards |

RDUP (RUS) Listed

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## specifications |

	Dimensions (L x H x W) mm (in)	Weight kg (lb)
<b>4-Port Terminal</b>	274 x 66 x 73 (10.8 x 2.6 x 2.9)	0.3 (0.7)
<b>6- and 8-Port Terminal</b>	312 x 76 x 86 (12.3 x 3.0 x 3.4)	0.7 (1.5)
<b>12-Port Terminal</b>	381 x 101 x 147 (15.0 x 4.0 x 5.8)	1.1 (2.4)

## Shipping Package

	Dimensions (L x H x W) mm (in)	Weight kg (lb)*	Method
<b>Terminal Stub Length (cable ≤ 500 ft)</b>	152 x 762 x 762 (6 x 30 x 30)	Contact Customer Service for details	Box
<b>Terminal Stub Length (cable &gt; 500 ft)</b>	846 x 846 x 178 (33 x 33 x 7)	Contact Customer Service for details	Reel

\*Cable stub is 11.7 kg (26 lbs.) per 1000 ft of cable.

## Typical Insertion Loss (dB)

0.15 dB typical per OptiTap® Single-Fiber Connector > 65 dB optical return loss

0.35 dB typical per OptiTip® Multi-Fiber Connector > 65 dB optical return loss

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## ordering information |

### OptiSheath® MultiPort Terminal, Stubbed

MOB	-	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	W	-	<input type="text"/>
		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**  
Defines packaging.

- P = Individual packaging

*See Notes 2 and 3.*

*Notes:*

1) Standard cable length is 10 ft or 3 m. Additional lengths may be ordered in increments of 25 ft or 10 m. For lengths ≥ 1000 ft, see Table A. Maximum length is 2000 ft or 600 m.

*Examples:*

- 003 = Standard length for meters
- 010 = Standard length for feet
- 120 = 120 meters
- 125 = 125 feet
- C50 = 1250 feet

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

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

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

Part Number	Description	Quantity
<b>Accessories</b>		
MOB-KT-UNIV-BKT	Universal Mounting Bracket Pack for 4- and 12-port housing	10 per pack
MOB-KT-4-VAULT	4-Port Mounting Bracket for handhole mounting	10 per pack
MOB-KT-6-12-VAULT	6-, 8- and 12-Port Mounting Bracket for handholes	10 per pack
UCA-KT-HAND-BKT	Use with MOB-KT-6-12-VAULT or MOB-KT-4-VAULT	10 per pack
MOB-KT-AHD	4-Port Mounting Bracket for aerial strand applications	10 per pack
MOB-KT-AHD-12	6-, 8- and 12-Port Mounting Bracket for aerial strand applications	10 per pack

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### OptiSheath® MultiPort Terminal with OptiTip® Multi-Fiber Cable Assembly

MTB	-	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	W	-	<input type="text"/>
		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**  
Defines packaging.  
P = Individual packaging  
*See Notes 2 and 3.*

*Notes:*  
1) Standard cable length is 10 ft or 3 m. Additional lengths may be ordered in increments of 25 ft or 10 m. For lengths ≥ 1000 ft, see Table A. Maximum length is 2000 ft or 600 m.  
*Examples:*  
003 = Standard length for meters  
010 = Standard length for feet  
120 = 120 meters  
125 = 125 feet  
C50 = 1250 feet

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

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

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Part Number	Description	Quantity
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UCA-KT-HAND-BKT	Use with MOB-KT-6-12-VAULT or MOB-KT-4-VAULT	10 per pack
MOB-KT-AHD	4-Port Mounting Bracket for aerial strand applications	10 per pack
MOB-KT-AHD-12	6-, 8- and 12-Port Mounting Bracket for aerial strand applications	10 per pack

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