

# OptiSheath® MultiPort Splitter Terminals

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## Features and Benefits

### **OptiTap® Single-fiber Connector ports for customer drop terminations**

Lower installation costs and faster customer connections

### **OptiTip® Multifiber Connector ports integrate with FlexNAP™ System**

Lower initial deployment cost, greater design flexibility

### **Available with preterminated or non-connectorized stubs**

Add terminals as needed to defer costs

### **Available with 1x4 or 1x8 splitter**

Reduces distribution cable fiber count

### **Available with expansion port**

Easily enables future growth

### **Factory-installed and -tested connectors**

Reliability and quality assurance

The OptiSheath® MultiPort Splitter Terminal is designed for use in outside plant fiber access networks. This innovative terminal provides fast, easy subscriber connections and splitter functionality in one low-profile housing. By enabling incremental subscriber connections, costs are deferred to better match revenue streams. Splitter functionality reduces the distribution cable fiber count requirement, lowering initial cost. The terminal's reliability and flexibility make it the ideal choice for network access point terminals in all-fiber access networks and fiber-to-the-x (FTTx) deployments.

The OptiSheath MultiPort Splitter Terminal is available in these configurations: 4-port (1x4 splitter) with expansion port, 4-port (1x4 splitter) and 8-port (1x8 splitter).

Terminals stubbed with the OptiTip® Multifiber Connector work with the FlexNAP™ Terminal Distribution System, improving design flexibility. Terminals with non-connectorized stubs may be consolidated and spliced at a splice enclosure. The ability to route several stubs to one location increases workforce efficiency and reduces the overall installation time required to connect customers in FTTx networks.

## Standards

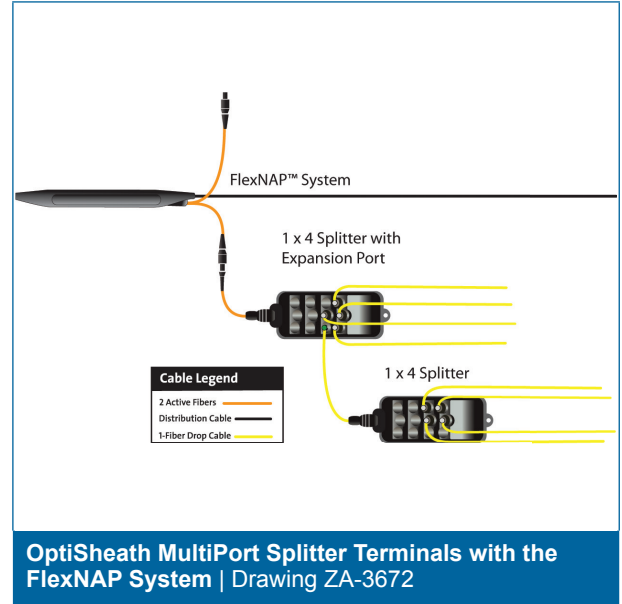
Design and Test Criteria	Telcordia GR-771-CORE, Issue 1
Common Installations	Splitters meet applicable sections of GR-1209-CORE and GR-1221-CORE
Approvals and Listings	RDUP (RUS) Listed



OptiSheath MultiPort Splitter Terminals, 1x4 and 1x4 with Expansion Port | Photo TRCLS211A

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## Specifications

Mechanical Characteristics		
	Dimensions (L x W x H)	Weight
OptiSheath MultiPort Splitter 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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## Ordering Information

M		S	-			4	4					W	-	
	1			2	3			4	5					6

**1** Select stub end.

- O = No connector
- T = OptiTap® Single-fiber Connectors
- T = OptiTip® Multifiber Connector (with expansion port only)

**2** Select splitter type.

- F8 = 1x8, no expansion port
- H4 = 1x4, no expansion port
- H5 = 1x4, with expansion port

**3** Select cable type.

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

**4** Select cable length.

- Examples:**
- 025 = 25 ft
  - 050 = 50 ft
  - 075 = 75 ft
  - 100 = 100 ft
  - 500 = 500 ft
  - 050 = 500 ft
  - A00 = 1000 ft

See Note 1.

**5** Select unit of measure.

- F = Feet
- M = Meters

**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

**6** Select packaging.

- P = Individual packaging

See Notes 2 and 3.

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) 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	

## Cleaning Accessories

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

## Related Products

<b>FlexNAP™ System Brochure</b>	EVO-601-EN
<b>FlexNAP™ Outside Plant System</b>	CRR-114-AEN
<b>FlexNAP™ System Design Guide</b>	EVO-659-EN
<b>OptiTap® Single-Fiber Connector</b>	EVO-592-EN

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