YOURx®
Multi-Purpose Terminal (MPT)

Application

Designed for network design flexibility, Clearfield's YOURx Multi-Purpose Terminal (MPT) is optimized for deployments requiring mid-span, fiber drop, splitter or optical component capabilities.

Description

The YOURx Multi-Purpose Terminal is a sealed mid-span terminal that will accept cables with a diameter up to 0.7" (17.78mm). The terminal includes eight individual sealed distribution drops with removable tabs - all air and water-tight via YOURx FlexPort technology. The snap-in splice chip will support 12 loose tube splices or 3 mass fusion (36 fibers) splices, with the ability to store up to 8 feet per buffer tube. The terminal cable entry point uses a split sleeve grommet design for easy installation. The slide out adapter plate allows installers easy access for cleaning or testing connectors, if required. The bulkhead allows for mounting of optical components, splitters, WDMs and DWDMs. When accessing the terminal, a standard can wrench is the only tool required. The terminal can be deployed above grade, below grade, on a pole mount, or in an aerial mount.

Features and Benefits

Integrity
- Designed, tested and certified to Telcordia GR-771
- SC and LC Terminations designed, tested and certified to Telcordia GR-326
- MPO Terminations designed, tested and certified to Telcordia GR-1435
- Supports pre-terminated FieldShield FLATdrop, FLEXdrop, StrongFiber or Pushable Fiber assemblies for drops

Protection
- Optimized for use with FieldShield Microduct or FlexConnector
- FlexConnector provides bend-limiting, strain-relief protection and water-tight seal
- Black UV resistant thermoplastic design to resist corrosion
- Environmentally sealed terminal providing maximum reliability and durability in the harshest OSP environments

Access
- Fieldshield Pushable Fiber, FieldShield FLATdrop and round cable (IMPORTANT - Be sure to select the correct grommet!)
- Splicing or plug-and-play configuration
- Optical component solution maximize existing architectures or relief from exhausted fiber scenarios

Investment
- Modular design allows replacement of bulkhead or face plate in case where damage has occurred
- Flexibility in configuration provides designing network easier, utilizing the same terminal
- Using the patch only stub design allows speed to deployment in plug-and-play design

Patch and Splice

Patch Only

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Technical Specifications

YOURx Multi-Purpose Terminal (MPT)	
Dimensions	12.44"L x 6.76"W x 5.49"H (315.97 mm x 171.70 mm x 139.44 mm)
Mounting Options	Below Grade — Vaults - V5A-AZP (17" x 30" x 24") or V6A-AZP (24" x 36" x 24")
	Above Ground — Pedestals - FPP-8820 (8" x 8" with 12" high base), FPP-101020 (10" x 10" with 20" high base) or FPP-121230 (12" x 12" with 30" high base)
	Pole or Aerial/Strand
Internal Slack	8' of 12 fiber buffer tube; Total 48' of 3 mm
Feeder Cable	Accepts cable diameter of up to .70" (17.78 mm) **IMPORTANT - Be sure to select correct grommet**
Distribution Ports	Eight 14 mm ports; ports are designed to accept FieldShield FlexConnector
Connector Types	SC/APC, SC/UPC, LC/APC, LC/UPC and MPO Duplex
Material	Black UV Resistant Thermoplastic
Weight	4 lbs.

Application: Mid-Span with Spliced Drops (No Connectors, No Adapters)

M P T - ___ ___ Z - Z Z Z - Z ___ ___

1   **2** **3**

1 **Select Z Distribution Port Count**

00 = No Flex Ports
02 = 2 Port
04 = 4 Port
08 = 8 Port

2 **Select Mounting Bracket**

A = Aerial (Included)
P = Pole Mount (Included)
S = Pedestal (Included)
Z = No Bracket

3 **Select Grommet for Incoming Cable**

H = Round Cable (0.45 to 0.70" diameter)
S = FieldShield Pushable Fiber, FLATdrop, or round cable (.44" or less)

* IMPORTANT- Be sure to select correct grommet

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Application: Mid-Span With Patch and Splice Drops

M P T - ___ ___ ___ **- Z 1 F - Z** ___ ___

[1] [2] [3] [4]

1 Select Distribution Port Count

02 = 2 Ports
04 = 4 Ports
06 = 6 Ports
08 = 8 Ports
12 = (1) 12F (male) MPO assembly
16 = 16 Ports
24 = (2) 12F (male) MPO assembly
36 = (3) 12F (male) MPO assembly
48 = (4) 12F (male) MPO assembly
72 = (6) 12F (male) MPO assembly
96 = (8) 12F (male) MPO assembly

2 Select Distribution Connector

A = SC/UPC
C = SC/APC
F = LC/UPC
H = LC/APC
5 = MPO (Male)

3 Select Mounting Bracket

A = Aerial (Included)
P = Pole Mount (Included)
S = Pedestal (Included)
Z = No Bracket

4 Select Grommet for Incoming Cable

H = Round Cable (0.45 to 0.70" diameter)
S = FieldShield Pushable Fiber, FLATdrop, or round cable (.44" or less)

* IMPORTANT- Be sure to select correct grommet

Application: Mid-Span Splitter Option with Connectorized Drops

M P T - ___ ___ ___ **- Z Z Z -** ___ ___ ___

[1] [2] [3] [4] [5]

1 Select Distribution Port Count

02 = 2 Port
04 = 4 Port
08 = 8 Port

2 Select Distribution Connector

A = SC/UPC
C = SC/APC
F = LC/UPC
H = LC/APC
Z = No Connector

3 Select Splitter Ratio

E = 1x2
F = (2) 1x2
5 = 1x8
6 = 1x6
8 = 1x4
9 = (2) 1x4

4 Select Mounting Bracket

A = Aerial (Included)
P = Pole Mount (Included)
S = Pedestal (Included)
Z = No Bracket

5 Select Grommet for Incoming Cable

H = Round Cable (0.45 to 0.70" diameter)
S = FieldShield Pushable Fiber, FLATdrop, or round cable (.44" or less)

* IMPORTANT- Be sure to select correct grommet

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Application: Mid-Span Splitter Option with Spliced Drops (No Connectors, No Adapters)

1. Order Empty Terminal

M P T - ___ ___ Z - Z Z Z - Z ___ ___

1   **2**   **3**

1 **Select Z Distribution Port Count**

00 = No Flex Ports
02 = 2 Port
04 = 4 Port
08 = 8 Port

2 **Select Mounting Bracket**

A = Aerial (Included)
P = Pole Mount (Included)
S = Pedestal (Included)
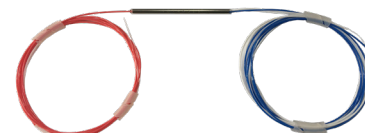Z = No Bracket

3 **Select Grommet for Incoming Cable**

H = Round Cable (0.45 to 0.70" diameter)
S = FieldShield Pushable Fiber, FLATdrop,
     or round cable (.44" or less)

* IMPORTANT- Be sure to select correct grommet

2. Order Splitter (Unterminated)

Splitter Ratio	Part Number
1 x 2	006529
1 x 4	040482
1 x 8	040252

Application: WDM or DWDM with Mid-Span — Business Class

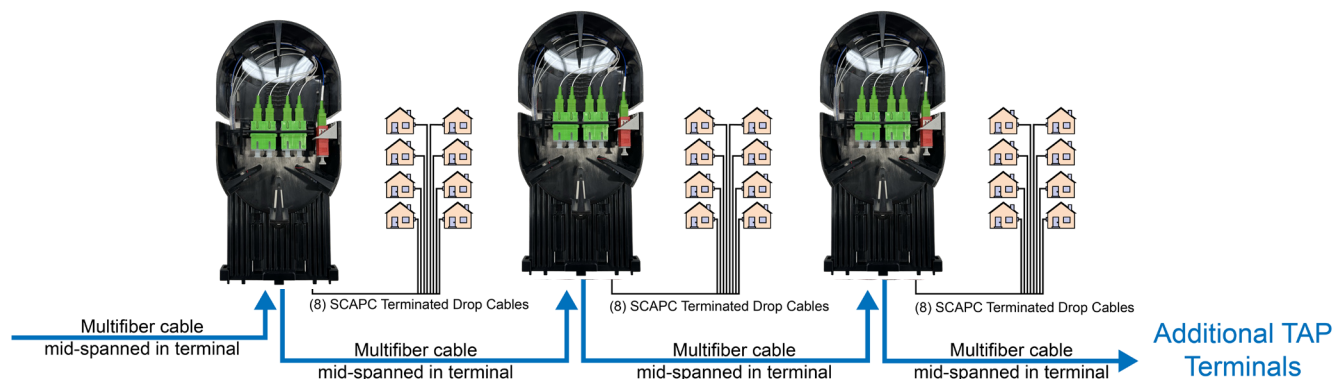WDM or DWDM = Contact Clearfield for correct configurations at 1-800-422-2537

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Application: Mid-Span Distributed Optical TAP with Express Port and Test Port Option

Description: Multi-Purpose Terminal, includes installed splitter with or without test port option
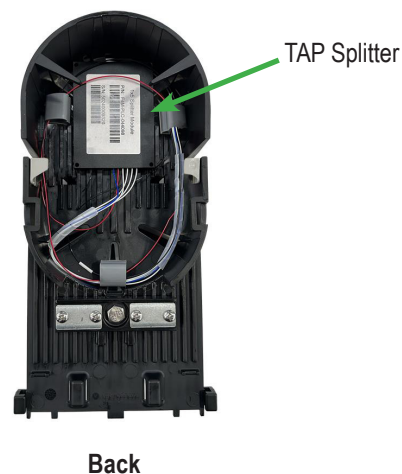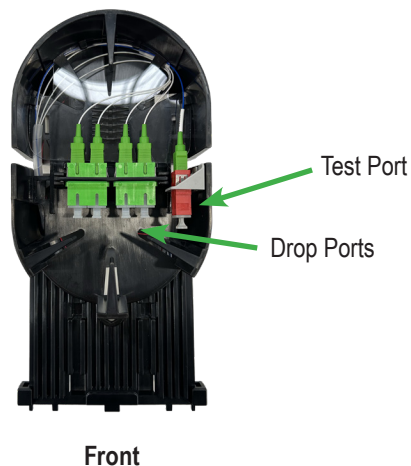

Multifiber cable mid-spanned in terminal

(8) SCAPC Terminated Drop Cables

Multifiber cable mid-spanned in terminal

(8) SCAPC Terminated Drop Cables

Multifiber cable mid-spanned in terminal

(8) SCAPC Terminated Drop Cables

Multifiber cable mid-spanned in terminal

Additional TAP Terminals

Optical TAP/Express with Test Option Loss Values

Insertion losses listed do not include connectors

TAP/ Express Split Ratio	2 Port Drop with EXP & TEST			4 Port Drop with EXP & TEST			8 Port Drop with EXP & TEST		
	Express IL Max (dB)	Drop IL Max (dB)	Test IL Max (dB)	Express IL Max (dB)	Drop IL Max (dB)	Test IL Max (dB)	Express IL Max (dB)	Drop IL Max (dB)	Test IL Max (dB)
90/10	1.4	16.2	21.0	1.4	19.2	21.0	1.4	22.2	21.0
85/15	1.6	14.3	21.0	1.6	17.3	21.0	1.6	20.3	21.0
80/20	2.1	11.5	21.0	1.8	15.4	21.0	1.8	18.5	21.0
70/30	2.7	10.3	21.0	2.4	12.9	21.0	2.3	16.3	21.0
60/40	3.1	9.7	21.0	3.1	12.7	21.0	3.1	15.7	21.0
50/50	4.4	8.5	21.0	4.4	11.5	21.0	4.4	14.5	21.0

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TAP Splitter

Test Port

Drop Ports

Front

Back

Configured Part Number

MPT - ___ ___ ___ - Z ___ ___ ___ ___ T - ___ ___ ___

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

1 **Select Drop Port Count**

02 = 2 Port
04 = 4 Port
08 = 8 Port

2 **Select Drop Connector**

C = SC/APC
Z = No Connector

3 **Select TAP/Express Ratio**

9010 = 90/10   7030 = 70/30
8515 = 85/15   6040 = 60/40
8020 = 80/20   5050 = 50/50
ZZZZ = End Terminal

4 **Select Drop Splitter**

E = 2
8 = 4
5 = 8

5 **Select Mounting Bracket**

A = Aerial (Included)
P = Pole Mount (Included)
S = Pedestal (Included)
Z = No Bracket

6 **Select Grommet for Incoming Cable**

H = Round Cable (0.45 to 0.70" diameter)
S = FieldShield Pushable Fiber, FLATdrop, or round cable (.44" or less)

** **Important** – Be sure to select correct grommet*

Example: MPT-08C-Z8020T-5ZS

MPT with 8 SC APC drop ports, unterminated input & express, 8020 TAP ratio with optional test port, no mounting bracket, grommet for 0.44 inch or less incoming cable

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Part Number	Description	Image
020996	Grommet for Round Cable OD 0.45 to 0.70" IMPORTANT- Be sure to select correct grommet	
021263	Grommet for Flat, FieldShield or Round Cable with OD 0.44" or less IMPORTANT- Be sure to select correct grommet	
MPT-PED-BRACKET	Supports pedestal and vault mounting. Pedestal Mounting: Will mount in FPP-8820, FPP-101020, FPP-121230	
MPT-AER-BRACKET	Aerial Mounting: Bug nuts included. When assembled height is 10.00".	
MPT-PWD-BRACKET	Supports pole (wood and metal) and wall *For metal pole applications, order Hose Clamp Straps (P/N 013034) sold separately*	
FS-FIFC-103-6PAK	Field Installable FlexConnector, 10mm Port, 3mm Cable, Black Grommet, 6 Pack (FLEXdrop and FieldShield)	
FS-FIFC-143-6PAK	Field Installable FlexConnector, 14mm Port, 3mm Cable, Black Grommet, 6 Pack, Required for Pushable MPO	
FSH-FIFC-4PAK	Field Installable FlexConnector, 10mm, 3mm Cable (FLATdrop)	
MPT-GROUNDING-01	Grounding Kit	
MPT-BONDING-01	Bonding Kit	