

YOURx[®]

Multi-Purpose Terminal (MPT)



Application

Designed for network design flexibility, Clearfield's YOURx Multi-Purpose Terminal (MPT) is optimised for deployments requiring mid-span, fibre 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 fibres) 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

- Complies with IEC 61300 & IP 66
- Supports pre-terminated FieldShield FLATdrop, FLEXdrop, StrongFiber or Pushable Fibre assemblies for drops

Protection

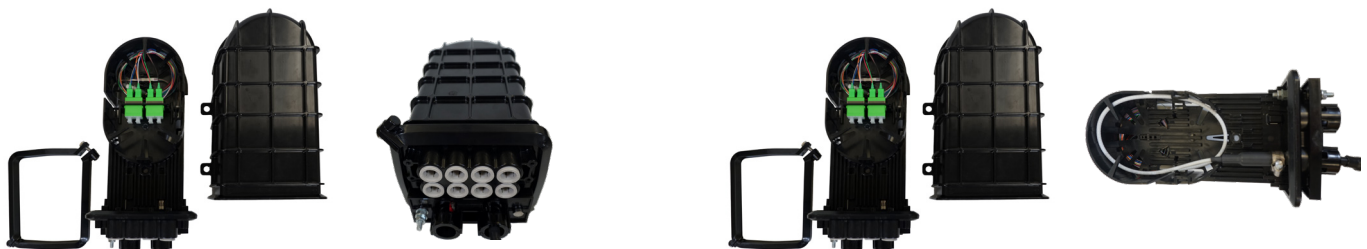
- Optimised for use with FieldShield Microduct or FlexConnector
- FlexConnector provides bend-limiting, strain-relief protection and water-tight seal
- Black UV resistant thermoplastic design to resist corrosion
- Environmentally sealed terminal providing maximum reliability and durability in the harshest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

Access

- FieldShield Pushable Fibre, FieldShield FLATdrop and round cable. (IMPORTANT - Be sure to select the correct grommet!)
- Splicing or plug-and-play configuration
- Optical component solution maximise existing architectures or relief from exhausted fibre scenarios

Investment

- Modular design allows replacement of bulkhead or face plate in case where damage has occurred
- Flexibility in configuration provides designing network easier, utilising 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 fibre 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 Fibre, FLATdrop, or round cable (.44" or less)

* IMPORTANT- Be sure to select correct grommet

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Multi-Purpose Terminal (MPT)



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
- 16 = 16 Ports

2 Select Distribution Connector

- A = SC/UPC
- C = SC/APC
- F = LC/UPC
- H = LC/APC
- 5 = MPO

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 Fibre 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 -

1 2 3 4 5 6

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 Feeder Input

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

4 Select Splitter Ratio

- E = 1x2
- 5 = 1x8
- 6 = 1x6
- 8 = 1x4

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

YOURx[®] Multi-Purpose Terminal (MPT)



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

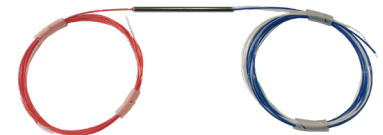
3 Select Grommet for Incoming Cable

- H = Round Cable (0.45 to 0.70" diameter) S
- = FieldShield Pushable Fibre, 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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| 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 <i>* For metal pole applications, order Hose Clamp Straps (P/N 013034) sold separately</i> | |
| 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 | |