

Application

The YOURx-Terminal improves the customer application and craft-experience by providing an access terminal capable of 16 drops, two feeder ports for mid-span and daisy-chaining scenarios, along with a fully protected and restorable pathway from the YOURx-Terminal to the YOURx-TAP using the Clearfield[®] design methodology of a modular and flexible approach that scales across the application environment.

Description

The YOURx-Terminal provides up to sixteen drops ports along with two 10mm feeder ports and two 14mm feeder ports – all air/water tight via YOURx FlexPort technology and accepting all industry standard connectors. The modular approach of the YOURx-Terminal comes in the removable, configurable FlexCartridge. Configure the fiber ports to meet the deployment application, then if future requirements change, remove the FlexCartridge and snap in a replacement – without any disruption to the base unit.

Ducts are simply brought to the YOURx-Terminal, trimmed to length and pushed into the YOURx FlexPorts on the base of the terminal - completing the protected pathway. Fiber is now pulled or pushed from the customer premise to the “inside” of the YOURx-Terminal, where the connector assembly is completed and mated.

Features and Benefits

Integrity

- Designed, tested and certified to GR-771
- Terminations designed, tested and certified to GR-326 and GR-1435
- Supports FieldShield Pushable/Pullable SC Connectors for drop applications
- Supports pre-terminated FieldShield FLATdrop, FieldShield FLEXdrop, FieldShield StrongFiber or FieldShield Pushable Fiber assemblies for individual drop applications
- 100% performance tested for insertion loss, return loss and final mechanical inspection

Protection

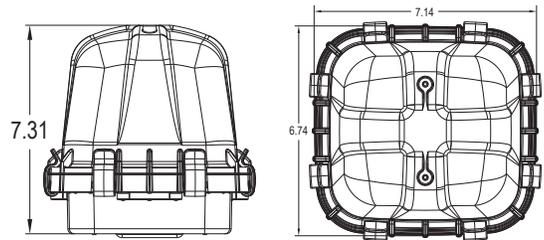
- Optimized for use with FieldShield Microduct and Pushable Fiber solutions
- Designed using black UV resistant thermoplastic material
- Environmentally sealed terminal providing maximum reliability and durability in the harshest OSP environments
- FieldShield FlexConnector provides bend-limiting, strain-relief protection and water-tight seal for FieldShield Cables

Access

- Accepts up to sixteen 10 mm distribution ports (for 10 mm FieldShield Microduct or FieldShield FLATdrop)
- Accepts up to two 14 mm feeder ports (for 14 mm FieldShield Microduct)
- Accepts up to two 10 mm feeder ports (for 10 mm FieldShield Microduct or FieldShield FLATdrop)
- Compact sealed design allows placement above or below grade
- Plug-and-play configurations accept both FieldShield FLATdrop and FieldShield Cable Assemblies
- Optical component solutions maximize existing architectures and relief for fiber exhaust scenarios

Investment

- Modular cartridge for upgrade or repair
- Flexibility in configuration provides maximum scalability across multiple services classes and network applications
- Compatible with all of FieldShield drop cable options, which reduces installation time and labor costs by removing expensive splicing labor from the YOURx-Terminal to customer premise
- Pre-terminated factory polished drop cables improve network operability across multiple network access points



MPO Terminal



Patch Only Terminal



Express Terminal



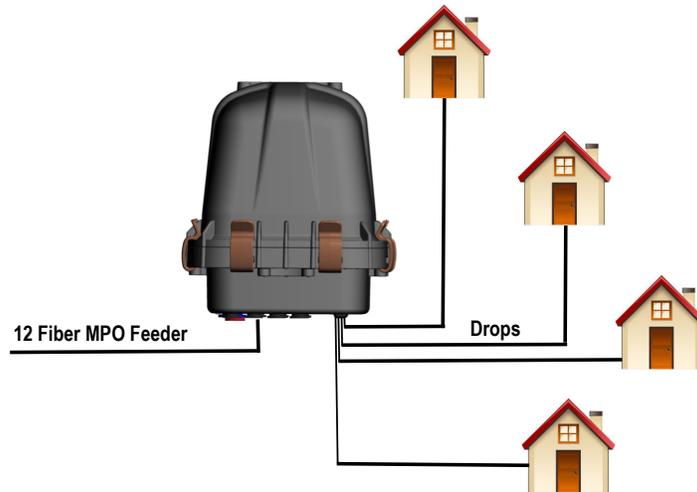
Splitter Terminal

Technical Specifications

YOURx-Terminal	
Dimensions	7.14"W x 6.74" D x 7.31" H (181.36 mm x 171.20 mm x 185.67 mm)
Weight	2.35 lbs.
Material	Black UV resistant Thermoplastic
Mounting Options <i>(Brackets ordered separately. See accessories for options)</i>	Below Grade: vault (part number: FPB1220) Above Grade: pedestal, pole mount or aerial/strand
External Slack Storage	Virtually unlimited - depends on vault size or mounting application
Feeder Ports	Two 14 mm FlexPorts and two 10 mm FlexPorts
Distribution Ports	16, 10 mm FlexPorts
Connector Types	SC/APC, SC/UPC, LC/APC, LC/UPC

YOURx-Terminal - MPO

Application: MPO Feeder with Drops



Example Above: 12 fiber MPO feeder with 4 SC/APC drops.

Terminal Part Number: FSTX-04C-51Z-ZAZ

YOURx-Terminal - MPO Configured Part Number

F S T X - _____ - _____ 1 Z - Z A Z

1

2

3

1 Select Distribution Port Count

- 02 = 2 ports (SC/APC Only)
- 04 = 4 ports
- 08 = 8 ports
- 12 = 12 ports
- 16 = 16 ports (Requires 24F MPO)

2 Select Distribution Connector

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

3 Select Feeder Connector

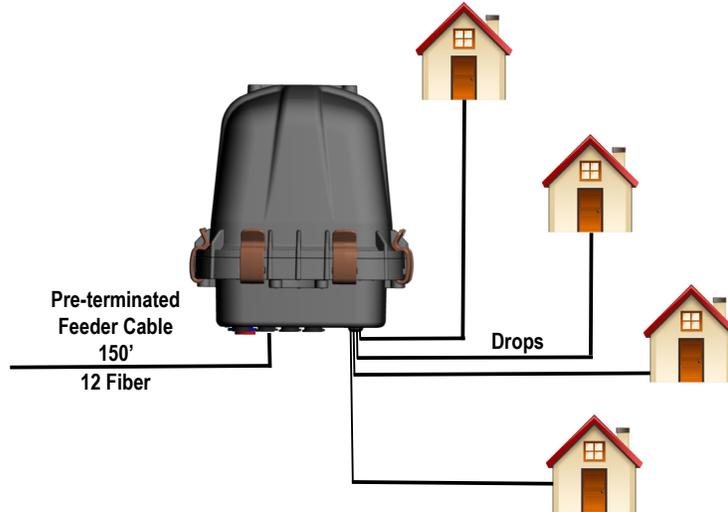
- 5 = 12F MPO (Male)
- Q = 24F MPO (Male)

For individual drops using FLATdrop with the FlexConnector, you'll need to order them separately and make reference to that product.

Mounting Brackets sold separately. See Accessory section.

YOURx-Terminal - Patch Only

Application: Pre-terminated Patch Only and Drops



Example Above: Factory installed 150' 12 fiber flat drop toneable feeder with 4 SC/APC drops.

Terminal Part Number: FSTX-04C-Z1U-ZZZ 0150F

YOURx-Terminal - Patch Only Configured Terminal

F S T X - - Z - Z Z Z

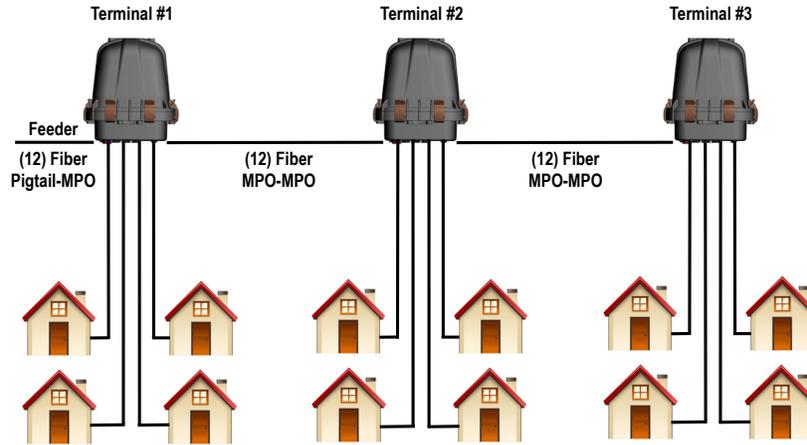
1
 2
 3
 4
 5

<p>1 Select Distribution Port Count</p> <p>04 = 4 ports 06 = 6 ports 08 = 8 ports 12 = 12 ports</p>	<p>3 Select Feeder Mode and Type</p> <p>1 = SM (Non-ribbon)</p>	<p>5 Select Feeder Cable Length</p> <p>XXXXF = Length in Feet XXXXM = Length in Meters</p>
<p>2 Select Distribution Connector</p> <p>A = SC/UPC C = SC/APC F = LC/UPC H = LC/APC</p>	<p>4 Select Feeder Jacket Construction</p> <p>T = FLATdrop (Non-toneable) U = FLATdrop (Toneable) W = FieldShield</p>	

For individual drops using FLATdrop with the FlexConnector, you'll need to order them separately and make reference to that product.

YOURx-Terminal — Expressed/Daisy Chain

Application: MPO Feeder with Drops and MPO Expressed Out

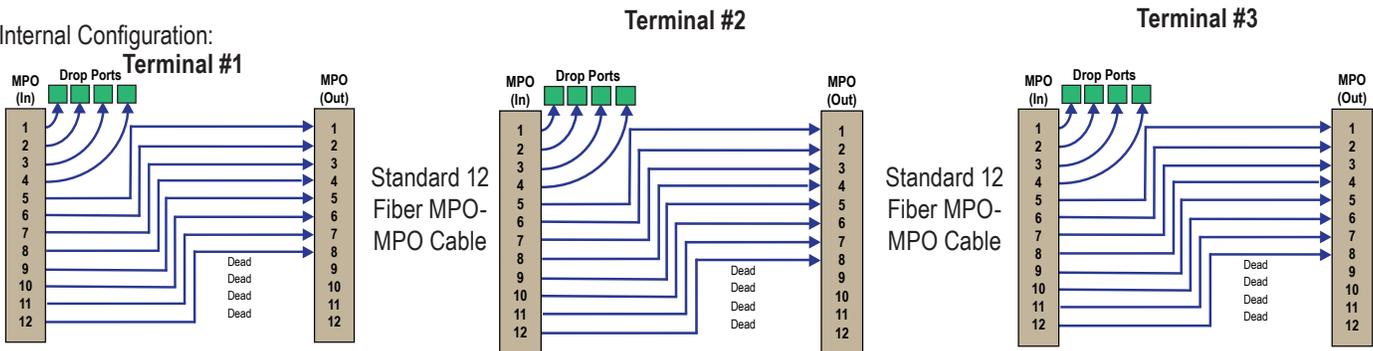


* 12 Fiber MPO-MPO Assemblies between Terminals simplifies installation.

Example above: 12 fiber MPO feeder with 4 SC/APC drops and remaining fibers expressed out

Terminals Part Numbers: FSTX-12X-51Z-ZZZ-03

Internal Configuration:



Advantage: Same terminal, only one part number to maintain, simplifying the installation.

YOURx-Terminal - Expressed Configured Terminal With 12F MPO Input

FSTX - M - - - -

1 Select Input MPO Connector

5 = 12F MPO (Male)
Q = 24F MPO (Male)

3 Select Drop Connector Type

A = SC/UPC
C = SC/APC
F = LC/UPC
H = LC/APC

5 Select MPO Connector Type Expressed Out

(Same MPO Connector as Listed in #1)

5 = 12F MPO (Male)
Q = 24F MPO (Male)

2 Select Number of Drops

02 = 2	10 = 10
04 = 4	12 = 12
06 = 6	14 = 14
08 = 8	16 = 16

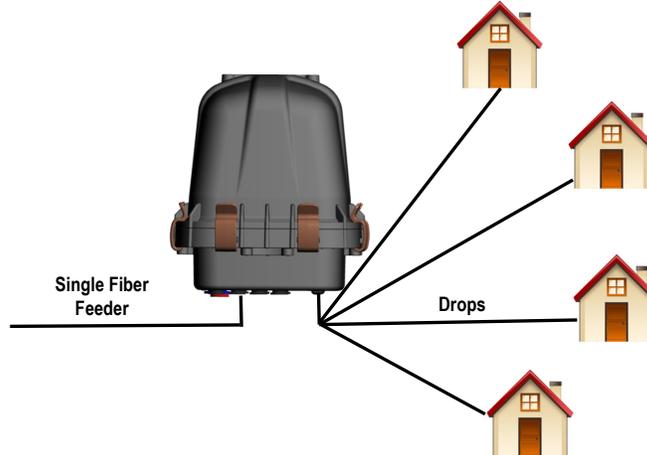
4 Select Number of Fibers Expressed Out (Shifted)

02 = 2	14 = 14
04 = 4	16 = 16
06 = 6	18 = 18
08 = 8	20 = 20
10 = 10	22 = 22
12 = 12	

(Input Fibers Minus # of Drops)
Example: 12F MPO - 6 Drops = 6 Fibers Expressed Out

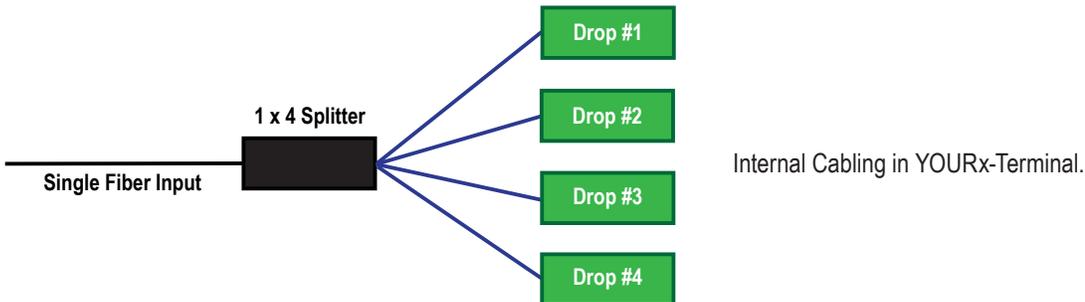
YOURx-Terminal - Splitter

Application: Single Fiber Feeder with Drops



Example Above: Single fiber feeder with SC/APC 1x4 splitter and 4 SC/APC drops.

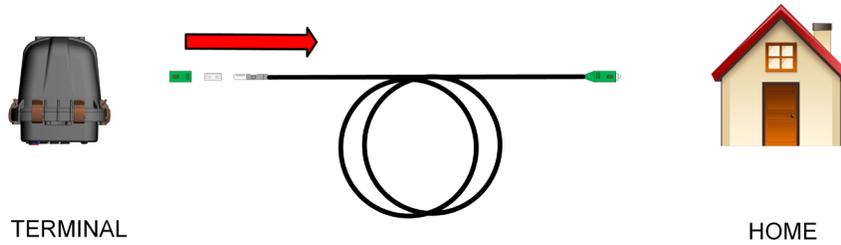
Terminal Part Number: FSTX-04C-CZZ-8ZZ



YOURx-Terminal - Splitter Configured Terminal

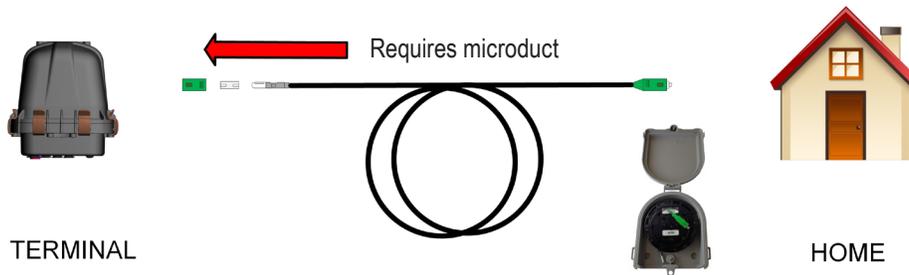
F S T X - _____ - _____ Z Z - _____ Z Z			
[1]		[2]	
[3]		[4]	
1 Select Distribution Port Count	2 Select Distribution Connector	3 Select Feeder Connector	4 Select Split Ratio
02 = 2 ports 04 = 4 ports 08 = 8 ports 12 = 12 ports 16 = 16 ports	A = SC/UPC C = SC/APC F = LC/UPC H = LC/APC	A = SC/UPC C = SC/APC F = LC/UPC H = LC/APC	3 = Dual 1 x 8 4 = 1 x 16 5 = 1 x 8 8 = 1 x 4 9 = Dual 1 x 4 E = 1 x 2 F = Dual 1 x 2

Drop Assemblies



Connector in Terminal	Connector to House	FieldShield (requires microduct)	Flat Drop Toneable (does not require microduct)	Flat Drop Non-toneable (does not require microduct)
SCA	SCA	FS-AA1-001-CQZ-DZZ XXXXF	FSH-U1-001-D1K-CQK XXXXF	FSH-T1-001-D1K-CQK XXXXF
SCU	SCU	FS-AA1-001-AQZ-BZZ XXXXF	FSH-U1-001-B1K-AQK XXXXF	FSH-T1-001-B1K-AQK XXXXF

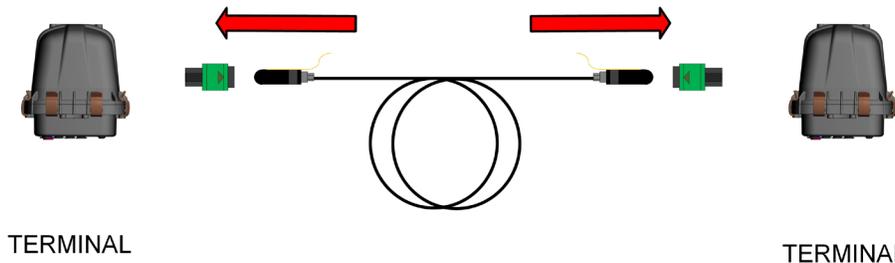
Drop Options Using YOURx-TAP with Deploy Reel



Part Number	Description
TAPX-ABA-CDS4-ZZZ	YOURx-TAP, loaded with 1 fiber SC/APC to pullable SC/APC, 100' blank and dual plate, no logo
TAPX-ABA-CDS8-ZZZ	YOURx-TAP, loaded with 1 fiber SC/APC to pullable SC/APC, 200' blank and dual plate, no logo
TAPX-ABA-CDSC-ZZZ	YOURx-TAP, loaded with 1 fiber SC/APC to pullable SC/APC, 300' blank and dual plate, no logo

* Additional TAP options are available. See Clearfield website under Test Access Products.

MPO - MPO Feeder Cable Assemblies Between Terminals



Part Number	Description
FS-AA1-012-PZZ-PZZ XXXXF	FieldShield Pushable Fiber, Singlemode, 12 Fiber, 1 x 12 Pushable MPO Female to Pushable MPO Female

* FLATdrop Toneable and Non-Toneable 12 Fiber MPO-MPO are available. Contact Clearfield for more information.

Terminal Mounting Options

Application: Pole, Wall, Pedestal (Min. 10" Pedestal, Vault)



Part Number 018123 — Connector access by removing base



Part Number 018249 — Connector access by removing top

Application: Aerial Strand Mount



Part Number 018456 — Connector access by removing top

Application: Required for sealing in terminal when field-installing connectors or using pushable FieldShield Connector.



Part Number	Description
FS-FIFC-103-6PAK	Field installable FlexConnector, 10 mm Port, 3 mm Cable, Black Grommet, 6 Pack (FLEXdrop and FieldShield)
FS-FIFC-143-6PAK	Field installable FlexConnector, 14 mm Port, 3 mm Cable, Gray Grommet, 6 Pack, Required for Pushable MPO
FS-FIFC-144-6PAK	Field installable FlexConnector, 14 mm Port, 4 mm Cable, Red Grommet, 6 Pack, Required for 24 fiber applications
FSH-FIFC-4PAK	Field installable FLATdrop FlexConnector with pieces for 4 terminations