

Application

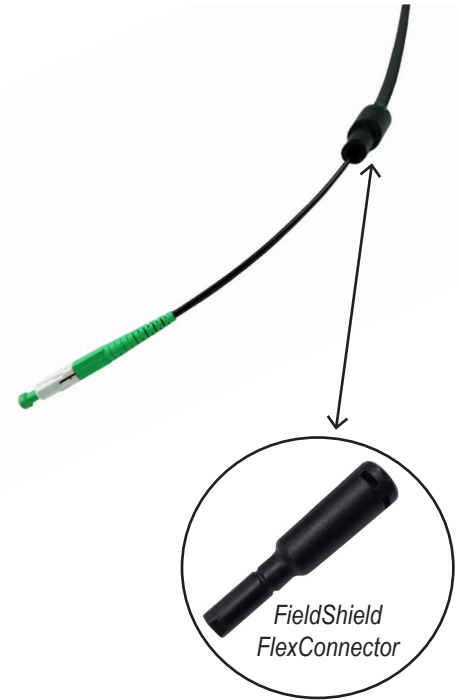
FieldShield FLATdrop is a drop cable solution for the access network such as FTTH and FTTB. FLATdrop takes industry standard flat drop cable that is factory pre-connectorized and incorporates a 10 mm FieldShield FlexConnector, providing simple plug-and-play connectivity between the YOURx-Terminal and YOURx-TAP.

Description

FieldShield FLATdrop is the first pre-connectorized flat drop style cable to provide hardened environmental performance on a flat drop style cable without the added cost or dependency on the market's existing bulky connector. Connectivity to access terminals is achieved through the innovative FlexConnector, which snaps into the YOURx-Terminal and YOURx-TAP, providing an air-tight and water-tight connection.

FlexConnector Options

- Factory Installed: the connector is shipped permanently installed on the pre-connectorized cable.
- Field Installable: the connector is shipped separately to be installed in the field. This is an ideal solution for eliminating excess slack storage when standard cable lengths are used for custom drop distances. The FlexConnector can be field installed on the pre-connectorized cable (full plug-and-play) or blunt cable followed by a splice-on connector.



Features and Benefits

Integrity

- Available in singlemode
- Supports most industry standard flat drop cable
- FlexConnector is designed and tested to GR-3120 using FieldShield FLATdrop

Protection

- FlexConnector provides an air-tight, water-tight connection

Access

- Flat drop cable construction allows for installation in direct bury and aerial applications
- Pre-terminated with an SC, LC or MPO connector or with pigtail for customer choice application
- Toneable cables allow for traceability

Investment

- Leveraging the low cost of a traditional optical flat drop cable with option for plug-and-play field terminations
- Quick and easy deployment allows capital investment to be aligned to customer take rates
- FieldShield FlexConnector available in 4 packs for field installations

Technical Specifications

FieldShield FLATdrop	
Core Size and Type	Singlemode
Inner Cable Jacket OD	3.0 mm Ruggedized
Cable Types	Flat Drop Cable (Dielectric/Toneable)
Connector Type	SC, LC, MPO
Breakout Length	12 inches (304.80 mm)
Operating Temperature	-40°F to 176°F (-40°C to 80°C)
Color	Black
Markings	Part number, lot number, footage markers every two feet (609.60 mm)

Accessories

- Field Installable FlexConnector (FSH-FIFC-4PAK)
 - Once the cable has been prepped, the flat cable is sandwiched between the two retainer clips, pinched into place and then the FlexConnector is pushed and snapped together with the retaining clips



Field Installable FlexConnector

Configured Part Numbers

SC and LC Factory Installed Connector

FSH - 1 - 0 0 1 - - - - - XXXXF

1 2 3 4 5 6 7

1 Select Jacket Construction
 T = OSP Non-toneable (Non-rated)
 U = OSP Toneable (Non-rated)

2 Select Connector #1
 A = SC/UPC
 B = SC/UPC Pushable
 C = SC/APC
 D = SC/APC Pushable

3 Select Breakout
 Q = YOURx (Factory Installed)
 1 = YOURx (Ship-along)

4 Select Upjacketing
 D = 3mm Ruggedized
 K = 3mm Ruggedized White

5 Select Connector #2
 A = SC/UPC
 C = SC/APC
 E = LC/UPC
 G = LC/APC
 Z = Pigtail

6 Select Breakout
 Q = YOURx
 C = ½ Meter
 B = 1 Meter
 P = Pulling Eye
 Z = N/A for HFOC or Pigtail

7 Select Upjacketing
 B = 2mm Ruggedized
 D = 3mm Ruggedized (YOURx only)
 K = 3mm Ruggedized White
 Z = N/A

XXXM or XXXF
 XXXM = Length in meters
 XXXF = Length in feet

MPO Factory Installed Connector

H 1 - - - - - Q D - - - - - XXXXF or XXXXF

1 2 3 4 5 6

1 Select Jacket Construction
 E = OSP Non-Toneable
 M = OSP Toneable

2 Select Fiber Count
 006 = 6
 012 = 12

3 Select Connector #1
 N = Pushable MPO Male
 P = Pushable MPO Female

4 Select Connector #2
 N = Pushable MPO Male
 P = Pushable MPO Female
 Z = Pigtail

5 Select Breakout #2
 Q = YOURx
 Z = N/A

6 Select Upjacketing
 D = YOURx
 Z = N/A

XXXM or XXXF
 XXXM = Length in meters
 XXXF = Length in feet

Pre-Configured Part Numbers

SC Field Installed Connector

Part Number	Description
FSH-FIFC-4PAK	Field installable FlexConnector with pieces for 4 terminations
FSH-FIFC-SCA-4PAK	Field installable FlexConnector with splice-on SCA connectors and pieces for 4 terminations
015575-2000F	Bulk FLATdrop, toneable, 2000 foot (609.60 m) spool
014042-2000F	Bulk FLATdrop, non-toneable, 2000 foot (609.60 m) spool