

# FieldShield®

## FLEXdrop SC Pushable Assemblies (UL Listed Plenum/Riser)



### Application

Designed to simplify the deployment of fiber, FieldShield FLEXdrop SC Pushable Assemblies provide a tech-friendly field assembled connector that snaps together in seconds without jeopardizing fiber protection or optical reliability. FieldShield Pushable Assemblies greatly reduce installation costs for Fiber to the Home (FTTH) installations, business class services, cell backhaul or any other small count delivery application.

### Description

FieldShield FLEXdrop SC Pushable Assemblies are factory terminated and polished SC and LC connectors designed to be terminated on simplex FieldShield Pushable Optical Fiber Assemblies. After being pushed or pulled through FieldShield Microduct, the smooth wall protective sleeve is easily removed and an outer housing is snapped into place. This creates an industry standard connector without mechanical or fusion splicing. All SC FieldShield Pushable Assemblies styles can be pushed/pulled in all FieldShield Microducts.



### Features and Benefits

#### Integrity

- FLEXdrop Plenum fiber cable designed, tested and certified to Telcordia GR-20
- FLEXdrop Plenum Terminations are designed, tested and certified to Telcordia GR-326
- Available in singlemode SC/UPC and SC/APC

#### Protection

- UL Listed for plenum and riser applications
- Smooth wall protective sleeve is easily removed and an outer housing is snapped into place
- Passed UV testing and measurements standards per ASTM G155 for UL 1581
- Option for FlexConnector in YOURx applications

#### Access

- Zirconia ceramic ferrule measuring 1.25 mm O.D.
- Tool-less installation

#### Investment

- Tech-friendly pre-terminated pushable connectors rapidly decrease deployment times and reduce installation costs by eliminating in-field splicing
- Pushed directly into a Clearview Cassette, FieldShield is optimized for placement alongside Clearfield's FieldSmart® fiber management platforms

### Packaging

- FLEXdrop Plenum available in spools 75' to 200'
- Zip-bag option
- FLEXdrop Riser only available in zip-bag



Lengths up to 50'  
(9.75 m)



Lengths from 75' to 200'  
(22.86 m to 61 m)

### Technical Specifications

#### Minimum Performance Specifications for Terminated Singlemode Connectors

Connector Type	Ferrule Material	Polish Type	Ins. Loss, Typical	Max. Ins. Loss	Min. Ret. Loss
SC	Ceramic	UPC	0.15 dB	0.30 dB	55.00 dB
SC	Ceramic	APC	0.20 dB	0.30 dB	65.00 dB

### Configured Part Numbers

Disclaimer/Note: Paper configurator shown is for reference only and should not be used to configure a saleable product configuration. All options shown on paper configurators may not be available or compatible with other options listed. Please contact your Clearfield representative for assistance in product configurations.

FS - A - - - - - XXXXF

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**1 Select Cable Type**

P = FLEXdrop Black Plenum  
W = FLEXdrop White Plenum  
R = FLEXdrop Black Riser  
RW = FLEXdrop White Riser

**4 Select Connector #1**

B = Pushable SC/UPC  
D = Pushable SC/APC  
A = SC/UPC  
C = SC/APC  
E = LC/UPC  
G = LC/APC  
W = HFOC SC/APC

**6 Select Upjacketing #1**

Z = N/A

**8 Select Breakout #2**

Q = YOURx  
Z = N/A

**2 Select Mode/Type**

1 = Singlemode (250 μm)  
2 = Singlemode (900 μm)

**5 Select Breakout #1**

Q = YOURx  
Z = N/A

**7 Select Connector #2**

B = Pushable SC/UPC  
D = Pushable SC/APC  
A = SC/UPC  
C = SC/APC  
E = LC/UPC  
G = LC/APC  
W = HFOC SC/APC  
Z = None

**9 Select Upjacketing #2**

Z = N/A

**3 Select Fiber Count**

001 = Simplex

**XXXXF**

XXXXF = Length in feet, Up to 200 Feet

### Accessories

#### Field Installable FlexConnector (FIFC)

- Once the cable has been prepped with the FlexConnector, the 3 mm cable is sandwiched between the two retainer clips. The FlexConnector is then pushed and snapped together with the retainer clips, pinching the grommet seal for a water-tight assembly.



#### Field Installable FlexConnector Pre-Configured Part Numbers

Part Number	Description
FS-FIFC-103-6PAK	Field installable FlexConnector, 10 mm Port, 3 mm Cable, Black Grommet, 6 Pack
FS-FIFC-143-6PAK	Field installable FlexConnector, 14 mm Port, 3 mm Cable, Gray Grommet, 6 Pack
FS-FIFC-144-6PAK	Field installable FlexConnector, 14 mm Port, 4 mm Cable, Red Grommet, 6 Pack

### Description

For field installed applications, these three kits allow a water-tight transition from 3 mm and 4 mm cable, into the FlexPort. The kits include enough parts for six tool-less installations.