FieldShield®
D-ROP - Plenum and Riser Rated 8.5/6 mm

Application

Building upon the restoration promise of FieldShield Pushable Fiber, FieldShield D-ROP is a pre-connectorized drop cable delivered to market pre-placed in microduct. The microduct plugs directly into the FieldShield FlexPort.

Installed as a single-pass deployment, FieldShield D-ROP provides ease of restoration. In the event of a future fiber cut, a field technician easily identifies the cut area, and utilizes a simple coupler and a FieldShield Fiber Assembly to restore service.

Description

D-ROP cable presents the same footprint as a flat drop cable with the added advantage of being restorable. As with all FieldShield ducted solutions, fiber cuts are located and microduct is repaired with repair kit. A new pushable assembly is installed, minimizing costs and time to restore the service outage. It provides a completely protected pathway from the access point directly to the premise, business or antenna with the option for restoration after accidental fiber cut.

D-ROP does not have the slack storage challenges that a flat drop presents because the duct slack can be ring cut and removed leaving only the fiber assembly.

Features and Benefits

Integrity
- Terminations are designed, tested and certified to Telcordia GR-326
- Fiber cable certified to Telcordia GR-20 and GR-409
- Duct is compliant to Telcordia GR-3155
- UL-2024 Listed

Protection
- Riser Rated 8.5/6 mm Microduct has high tensile strength and crush resistance
- Designed for applications designated as riser air space

Access
- Industry standard beige provides high visibility for indoor installation applications in existing conduit and by itself

Investment
- Pre-connectorized for a labor-lite, plug-and-play installation

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CLEARFIELD

Technical Specifications

FieldShield D-ROP - Riser Rated	
Outside Diameter	0.33" (8.5 mm)
Inside Diameter	0.23" (5.9 mm)
Installation Tension	96 lbf
Min. Bend Radius	76.2 mm/3 mm
Material	Thermoplastic
Operating Temperature	-40°F to 176°F (-40°C to 80°C)
Installation Temperature	-14°F to 158°F (-26°C to 70°C)
Color	Beige
Tone Wire	N/A

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.

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1 **2** **3**   **4**   **5** **6** **7**   **8** **9** **10**

1 **Select Duct Construction**

P = 8.5/6 Plenum
R = 8.5/6 Riser

2 **Select Duct Color**

6 = White
C = Beige

3 **Select Fiber Type**

2 = Riser 2mm
3 = FLEXdrop 3mm

4 **Select Fiber Count**

001 = 1

5 **Select Connector #1**

B = Pushable SC/UPC
D = Pushable SC/APC
Z = Pigtail

6 **Select Breakout**

3 = 12" for FlexPort

7 **Select Upjacketing**

B = 2mm Ruggedized
D = 3mm Ruggedized

8 **Select Connector #2**

B = Pushable SC/UPC
D = Pushable SC/APC
E = LC/UPC
G = LC/APC

9 **Select Breakout**

3 = 12" for FlexPort
P = Pulling Eye

10 **Select Upjacketing**

Z = N/A

Select Length (XXXXF)

0050 = 50 ft. (15.24 mm)	0200 = 200 ft. (60.96 mm)
0075 = 75 ft. (22.86 mm)	0225 = 225 ft. (68.58 mm)
0100 = 100 ft. (30.48 mm)	0250 = 250 ft. (76.20 mm)
0125 = 125 ft. (38.10 mm)	0275 = 275 ft. (83.82 mm)
0150 = 150 ft. (45.72 mm)	0300 = 300 ft. (91.44 mm)
0175 = 175 ft. (53.34 mm)	