

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

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

F S D - **XXXXF**

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)