

# FieldShield®

## D-ROP - Direct Bury 10/6 mm



### Application

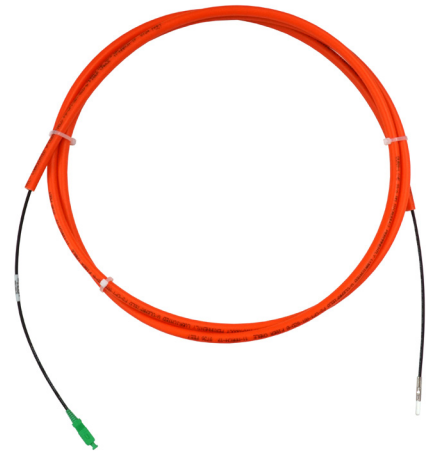
Building upon the restoration promise of FieldShield Pushable Fiber, FieldShield D-ROP is a pre-connectorized drop cable delivered to market pre-placed in microduct. The microduct plugs directly into the FieldShield FlexPort, providing an air-tight, water-tight connection between the YOURx-TAP and the YOURx-Terminal.

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
- Available with singlemode fiber

#### Protection

- FieldShield FlexConnector provides an air-tight, water-tight connection
- FieldShield Direct Bury Microduct has high tensile strength and crush resistance that withstands all types of implementations including open trenching, vibratory plowing and directional boring
- Duct is constructed from HDPE to prevent degradation

#### Access

- Available pre-terminated with SC and LC
- Includes bend-insensitive fiber
- Microduct pushes directly into a YOURx-Terminal or YOURx-TAP
- Integrated tone wire simplifies ground locating in direct bury applications
- Industry standard orange provides high visibility for direct bury applications

#### Investment

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

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### Technical Specifications

FieldShield D-ROP - Direct Bury	
Outside Diameter	0.394" (10.01 mm); Oversheathed Toneable 0.50" (12.70 mm)
Inside Diameter	0.246" (6.25 mm)
Installation Tension	340 lbf
Bend Radius	Non-toneable: 6" (152.40 mm) Radius Minimum; Toneable: 7" (177.80 mm) Radius Minimum
Material	High Density Polyethylene (HDPE)
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	Orange
Tone Wire	Insulated Copper (Tone Only)
Tone Wire Diameter	0.032" (0.813 mm)/20 AWG (Tone Only)

### Configured Part Numbers

**F S D -** 1 2 3 4 5 6 7 8 9 10 **XXXXF**

**1 Select Duct Construction**

A = Aerial  
 B = 7mm Non-Toneable  
 C = 7mm Toneable  
 D = 10/6 Direct Bury Non-Toneable  
 P = 8.5/6 Plenum  
 R = 8.5/6 Riser  
 T = 10/6 Direct Bury Toneable

**2 Select Duct Color**

2 = Orange  
 8 = Black  
 C = Beige

**3 Select Fiber Type**

1 = Singlemode 900 um  
 2 = Riser 2mm  
 3 = FLEXdrop 3mm  
 S = Singlemode StrongFiber

**4 Select Fiber Count**

001 = 1  
 002 = 2

**5 Select Connector #1**

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

**6 Select Breakout**

3 = 14" for FlexPort

**7 Select Upjacketing**

B = 2mm Ruggedized  
 D = 3mm Ruggedized  
 Z = N/A

**8 Select Connector #2**

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

**9 Select Breakout**

3 = 14" for FlexPort  
 P = Pulling Eye  
 Z = NA/Pigtail

**10 Select Upjacketing**

B = 2mm Ruggedized  
 D = 3mm Ruggedized  
 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)	