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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CLEARFIELD

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

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.

F S D - ___ ___ ___ - ___ ___ ___ - ___ ___ ___ - ___ ___ ___ XXXXF

[1] [2] [3]   [4]   [5] [6] [7]   [8] [9] [10]

1 Select Duct Construction

A = Aerial
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

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
Z = N/A

8 Select Connector #2

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

9 Select Breakout

3 = 12" 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)	