

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 a 7 mm microduct. The FieldShield FlexConnector snaps 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.

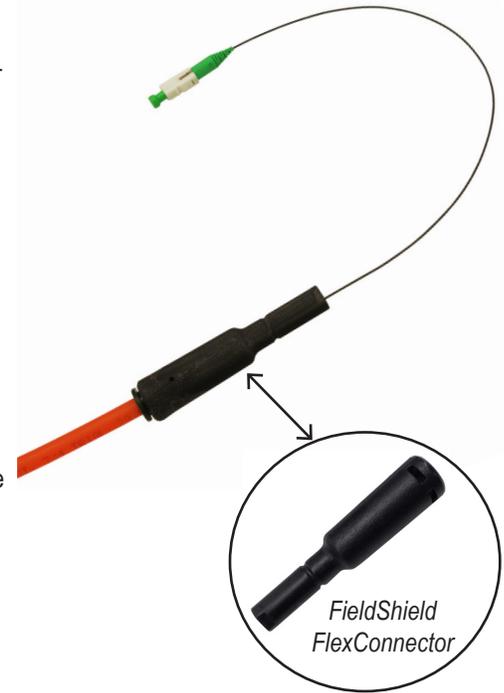
Description

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. Blunt fiber is then pulled and terminated with a splice-on connector, minimizing costs and time to restore the service outage. The pre-installed FlexConnector is plugged directly into the FlexPort opening of the YOURx-Terminal or YOURx-TAP, providing 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 peeled or removed leaving only the fiber assembly.

FlexConnector Options

- Factory Installed: the connector is shipped permanently installed on the pre-connectorized cable.
- Field Installable: the connector is shipped separately to be installed in the field. This is an ideal solution for eliminating excess slack storage when standard cable lengths are used for custom drop distances. The FlexConnector can be field installed on the pre-connectorized cable (full plug-and-play) or blunt cable followed by a splice-on connector.



Features and Benefits

Integrity

- 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 or bulk for field installation
- Option for splice-on connector (utilizing fiber matrix 850 μm)
- Includes bend-insensitive fiber
- The FlexConnector installed onto 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
- Available for aerial applications

Investment

- Available in bulk or pre-connectorized for a labor-lite, plug-and-play installation
- FieldShield FlexConnector available in 4 packs for field installations



Field Installable FlexConnector



D-ROP Opener



Bulk D-ROP Spool



D-ROP Deadend

