

# FieldShield®

## Aerial 10/8 mm Microduct



### Application

Designed to simplify the placement of fiber, FieldShield Aerial 10/8 mm Microduct is a durable 10/8 solution, protecting fiber from exposed outdoor environments. FieldShield Aerial Microduct easily integrates into pole mounted distribution terminals providing an aerial pole to pole distribution and "last mile" drop to the customer premise.

### Description

FieldShield Aerial 10/8 mm Microduct is a 10 mm diameter, self-supporting (figure-8 style) microduct intended to deploy fiber the same way an aerial drop is installed. Designed to comply with North American storm and ice loading standards, the strength member makes FieldShield Aerial 10/8 mm Microduct the solution for spanning up to 500 feet (152.40 m). The FieldShield Aerial 10/8 mm Microduct supports FieldShield Pushable Optical Fiber up to 3 mm in diameter.



*7 strands of 1.6 mm galvanized steel (twisted)*

### Features and Benefits

#### Integrity

- Compliant to Telcordia GR-3155

#### Protection

- High crush and tension resistance protects duct from harshest environmental conditions
- Made with MDPE to prevent degradation from sun and elements

#### Access

- Industry standard black for high visibility in aerial applications
- External aerial strength support requires Clearfield FS-DEADEND-AD10 for dead end application
- Quick and easy to install in self-supporting aerial applications
- Smooth core with additional slip lining enables fiber to be pushed or pulled with minimal resistance
- Standard nylon pull string simplifies deployment of fiber when pulling or using a push/pull combo

#### Investment

- Tech-friendly deployment methods reduce installation expenses

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### Technical Specifications

FieldShield Aerial 10/8 mm Microduct	
Outside Diameter	0.394" (9.8mm +/-0.2mm)
Inside Diameter	0.315" (8 mm)
Minimum Bend Radius	8" (203.20 mm) radius
Maximum Tensile Load	2,900 lbs (1315.42 kg)
Rating Length	500 foot (152.40 m) span in North America heavy zone
Material	MDPE
Color	Black
Figure 8 Strength Wire Material	7 x 1.6 mm stranded galvanized
Markings	Part number, lot number, footage markers every foot
Spool Size	32" OD x 24" W (812.80 mm x 609.60 mm)

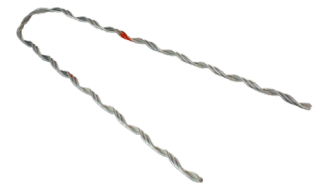
### Pre-Configured Part Numbers

Part Number	Description
FS-MEA-T-810-PS-1300F	FieldShield Microduct, Aerial 10/8, figure 8, black, 1,300 foot (396.24 m) spool

## Large Aerial Microduct Attachment

### Description

FieldShield Large Aerial Microduct Attachment provides the quickest and easiest way to attach FieldShield Large 14/10 and 10/8 Figure-8 Microducts. Simply strip away the jacket from the support strand on the microduct to accommodate the dead end and place the attachment over the strand.



### Pre-Configured Part Numbers

Part Number	Description
FS-DEADEND-AD10	Microduct, Aerial 14/10 and 10/8 Dead End, Large Cable