

FieldShield®

Riser Rated 14/10 mm Microduct



Application

Simplifying the placement of fiber, while providing protection for all indoor elements, FieldShield Riser Rated 14/10 mm Microduct is specifically designed for applications requiring small pathways in confined spaces. Rugged crush resistance protects FieldShield Riser Rated 14/10 mm Microduct from the rigors of all industry standard deployment methods, while the rigid column strength allows microducts to be deployed through occupied duct previously thought to be exhausted. Riser Rated 14/10 mm Microduct has an outer diameter of 14 mm and an inner diameter of 10 mm.



Description

FieldShield Riser Rated 14/10 mm Microduct is a durable, crush resistant micro-conduit designed to increase the protection of fiber while decreasing installation and maintenance expenses. Manufactured using high density thermoplastic, FieldShield Riser Rated Microduct offers superior durability and protection.

Features and Benefits

Integrity

- Compliant to Telcordia GR-3155
- UL-2024 listed

Protection

- Quick and easy to install
- Riser Rated 10/6 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
- Standard nylon pull string simplifies deployment of fiber
- Smooth core slip lining reduces drag co-efficient enabling fiber to be pushed or pulled with minimal resistance

Investment

- Maximizes capacity of existing conduit previously considered exhausted
- Provides industry leading protection for any indoor riser rated application

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Technical Specifications

| FieldShield Riser Rated 14/10 mm Microducts | |
|---|---|
| Length | 1,500 feet (457.20 m) per spool (-0 / +5%) |
| Outside Diameter | 0.551" (14 mm) |
| Inside Diameter | 0.390" (9.90 mm) |
| Wall Thickness | 0.079" (2.01 mm) |
| Slip Layer | Minimum 0.004" (0.102 mm) |
| Ovality | ≤ 5% |
| Installation Tension | 340 lbf |
| Minimum Bend-Radius | 8" (203.20 mm) radius |
| 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 | White |
| Markings | Part number, lot number, footage markers every two feet (609.60 mm) |
| Spool Size | 12" ID x 24" OD x 20" W (304.80 mm x 609.60 mm x 508.00 mm) |
| Weight | 96 lbs (43.54 kg) |

Pre-Configured Part Numbers

| Part Number | Description |
|------------------------|--|
| FS-DCR-NT-614-PS-1500F | FieldShield Microduct, 14 mm, riser, non-toneable, white, 1,500 foot (457.20 mm) spool |