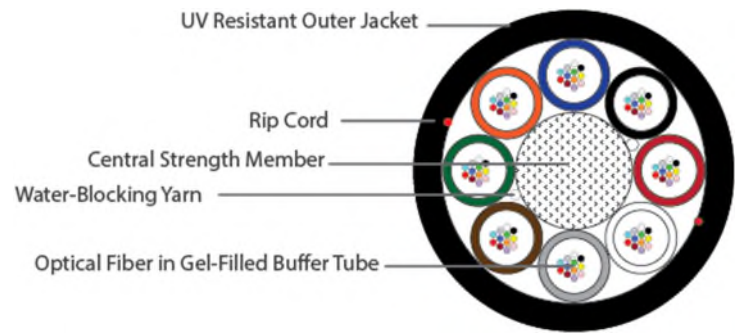


Part Number

FJ10-096U13-E991

Product Name

Micro Air Blown Fiber Optic Cable
96 SM Bend Insensitive Fibers ITU-T G.657.A1 Compliant



Application

Air-blown OSP Installation

Description

- 8 gel filled buffer tubes containing 12 fibers each
- Core is helically wrapped with fiberglass strength members
- Super absorbent polymer tape for water blocking
- Sunlight UV resistant HDPE jacket sequentially marked

Standards

- IEC 60794, GR-20, Issue 4 (6.9.5 Micro-Duct Cable)

Fiber Specifications

| | |
|---------------------|---|
| Fiber Quantity | 96 |
| | 9.2 +/-4 Microns |
| Fiber Core Diameter | 8.3 Microns |
| Fiber Type | SM Bend Insensitive compliant to ITU-T G.657.A1 |
| Fiber Designation | U13 |
| Maximum Attenuation | 0.35 dB/km @ 1310 nm 0.25 dB/km @ 1550 nm |
| Cutoff Wavelength | <1260 nm |

Cable Specifications

| | | |
|--------------------------|-------------------------|-----------------------------------|
| Nominal Outside Diameter | 0.28 in (7.0 mm) | |
| Nominal Weight | 26.9 lbs/kft (40 kg/km) | |
| Maximum Compression | 112.4 lb/in (500 N/cm) | |
| Maximum Tensile Loading | 168 lbs (750 N) | |
| Minimum Bend Radius | Loaded / Unloaded | 5.51 in (140 mm)/ 2.75 in (70 mm) |
| Temperature Range | Operating | -15°C to +60°C |
| | Storage/Shipping | -30°C to +70°C |
| | Installation | -15°C to +60°C |

