

Riser Distribution Fiber Optic Cable

Rev. 2. 5/02

Construction:

Fiber:

- A- Type: 50/125 Micron Multimode Coating: 250 Micron
- B- Type: 62.5/125 Micron Multimode Coating: 250 Micron
- W- Type: 8/125 Micron SingleMode Coating: 250 Micron

Buffer:

- 2- Tight Buffer Riser Thermoplastic
900 micron +/- 50 microns

Sub- Assembly:

- 2 - 900 micron fiber

Strength Members:

- Aramid Yarn

Jacket:

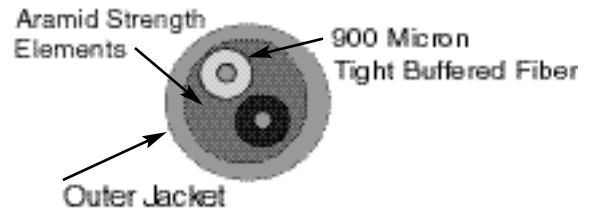
- Material: Thermoplastic PVC
Nominal Diameter: .184 inch (4.67mm)

Listing:

- UL Type OFNR

Rating:

- Crush Resistance (EIA-455-41):
2000N/cm
- Impact Resistance (EIA-455-25)
2000 impacts w/1.6N-cm)
- Maximum Load (Installation) 180lbs. (801newtons)
- Flexure (EIA-455-104)
2000 Cycles minimum
- Min. Bend Radius- Long Term - No Load: 10X Cable O.D.
- Min. Bend Radius- Short Term- Load: 15X Cable O.D.
- Operating Temperature:
-20° C to + 70° C
- Storage Temperature:
-40° C to + 80° C
- UL listed NEC Type OFNR
- Flame resistance UL1666 modified passed



Optical Characteristics:

Glass Type:

- A- 50/125 Micron- Multi-Mode
- B- 62.5/125 Micron- Multi-Mode
- W- 8/125 Micron- SingleMode

| OPTICAL CHARACTERISTICS | | | | |
|-------------------------|----------|-----------------------------------|----------------------------|--------------------------|
| Glass Type | Code (X) | Operating Wavelength (Nanometers) | Minimum Bandwidth (MHz-km) | Max. Attenuation (db/km) |
| 50/125 MM | A | 850 nm/1300 nm | 500/500 | 3.50/1.25 |
| 62.5/125 MM | B | 850 nm/1300 nm | 200/500 | 3.50/1.25 |
| 8/125 SM | W | 1310 nm/1550 nm | — | 0.80/0.50 |

Applications:

- Riser Wiring
- Office wiring
- Computer room wiring

Minimum Bend Radius:

- Short Term: 2.8 inch (7.0cm)
- Long Term: 1.8 inch (4.7 cm)

Maximum load (installation):

- 180 lbs (801 newtons)

