

6C Distribution (Heavy duty) Optical Fiber / Part No.: OF-802018

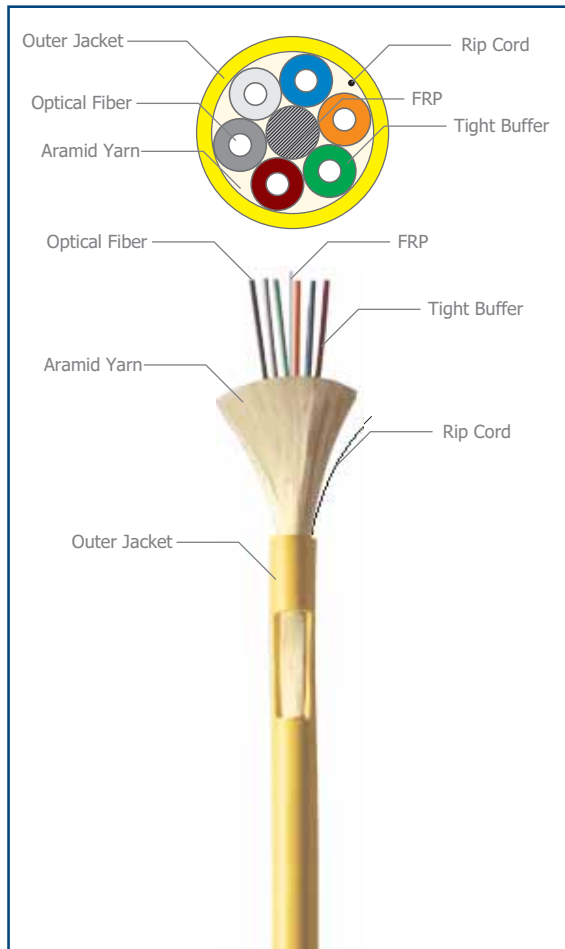
Description

- **Product Standard Certification:**
 - UL/cUL listed OFNR/FT4
- **Reference Standard:**
 - Bellcore GR-409-CORE, TIA/EIA-568-B.3
- **Packaging:**
 - Reel

Application

- Available with singlemode & multimode 50/125, 62.5/125µm fibers
- Available up to 12 fibers for both light and heavy duties
- Quick termination to connectors
- Color-code tight buffering for easy handling
- UL & cUL listed; OFNR/FT4 for riser intra-building horizontal cabling

Product Figure



Physical Characteristics

| | | |
|-----------------------------------|---|-----------------------------|
| Part Number | | OF-802018 |
| Product Name | | 6C Distribution(Heavy duty) |
| Structure | Fiber Count | 6 |
| Strength Member | Material | Aramid Yarn + FRP |
| Outer Jacket | Material | PVC or LSZH |
| | Overall Nominal Diameter (mm) | 5.2 |
| Mechanical Characteristics | Operating Temperature Range | 75°C |
| | Bulk Cable Weight | 27 |
| | Max. Recommended Pulling Tension (Short/Long Term) (N) | 1400 / 450 |
| | Min. Bend Radius (Short/Long Term) (mm) | 78 / 63 |
| Flame test | UL Flame Test (PVC Jacket) | OFNR / FT4 |

* Custom configuration is available upon request.

Optical Performance

| | Singlemode | Multimode 50/125µm | Multimode 62.5/125µm |
|-------------------------------|-------------|--------------------|----------------------|
| Wavelength (nm) | 1310 / 1550 | 850 / 1300 | 850 / 1300 |
| Max. Attenuation (dB/km) | 0.4 / 0.3 | 3.5 / 1.5 | 3.5 / 1.5 |
| Min. Modal Bandwidth (MHz.km) | - | 500 / 500 | 200 / 500 |

