

FIBER OPTIC CABLE — INDUSTRIAL ARMORED CABLE

HEAVY DUTY INTERLOCK ARMOR

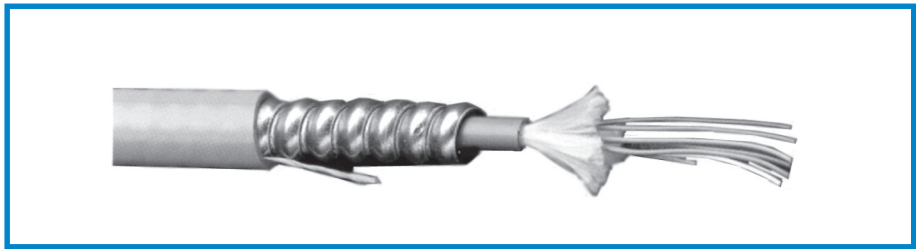
RISER UL/cUL TYPE OFCR/OFC FT4 / PLENUM UL/cUL TYPE OFCP/OFC FT6

Recommended Applications

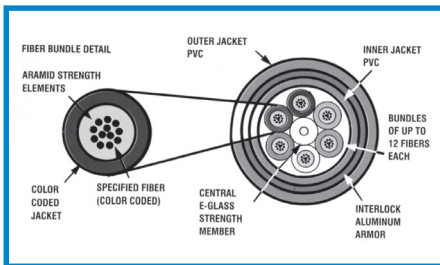
- Industrial Environment
- Rugged Installation
- Manufacturing Plants
- Mining Shafts
- Telecommunications and Data Trunk

Product Features

- Excellent mechanical protect
- Heavy Duty construction
- Eliminates need for innerduct
- Versions available for plenum and outside plant
- Interlock Steel Armor



| CUSTOM CATALOG NUMBER | FIBER COUNT | OUTSIDE DIAM. IN. | WEIGHT LBS./M | MIN. BEND RADIUS | | MAX. LOAD INSTALLATION LBS. |
|-----------------------|-------------|-------------------|---------------|-------------------|------------------|-----------------------------|
| | | | | SHORT TERM INCHES | LONG TERM INCHES | |
| RISER | | | | | | |
| F70006(x) | 6 | 0.595 | 248 | 11.9 | 8.9 | 600 |
| F70012(x) | 12 | 0.595 | 254 | 11.9 | 8.9 | 600 |
| F70024(x) | 24 | 0.695 | 329 | 13.9 | 10.4 | 600 |
| PLENUM | | | | | | |
| F71006(x) | 6 | 0.531 | 220 | 10.6 | 8.0 | 600 |
| F71012(x) | 12 | 0.531 | 226 | 10.6 | 8.0 | 600 |
| F71024(x) | 24 | 0.631 | 297 | 12.6 | 9.5 | 600 |



Mechanical, Environmental & Flame Characteristics

| | | |
|---------------------|---------------------|------------------------|
| Crush Resistance | (EIA-455-41) | 200N/cm |
| Impact Resistance | (EIA-455-25) | 2000 Impacts w/1.6 N-m |
| Min. Bend Radius | Long Term - No Load | 15x Cable Diameter |
| Min. Bend Radius | Short Term - Load | 20x Cable Diameter |
| Operating Temp. | — | -20°C to +70°C |
| Storage Temp. | — | -40°C to +70°C |
| Flame Resistance | UL 1666 (Riser) | Passed |
| Riser UL/cUL Rated | Type OFCR/OFC FT4 | |
| Flame Resistance | MFPA 262 (Plenum) | Passed |
| Plenum UL/cUL Rated | Type OFCP/OFC FT6 | |

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| GLASS TYPE | P/N CODE (X) | OPERATING WAVELENGTH | MIN OFL BANDWIDTH (MHz-km) | MIN LASER BANDWIDTH (MHz-km) | MAX. ATTENUATION (db/km) | 100 MEGABIT FAST ETHERNET LINK LENGTH (Meters S/L) | 1 GIGABIT ETHERNET LINK LENGTH (Meters S/L) | 10 GIGABIT ETHERNET LINK LENGTH (Meters S/L) |
|-------------|--------------|----------------------|----------------------------|------------------------------|--------------------------|--|---|--|
| 62.5/125 MM | MM1 | 850/1300 | 200/500 | 220/500 | 3.50/1.25 | 300/2000 | 300/550 | 35/300 |
| 50/125 MM | MM2 | 850/1300 | 500/500 | 510/500 | 3.5/1.25 | 300/2000 | 600/600 | 85/300 |
| SingleMode | SM | 1310/1550 | — | — | 0.80/0.50 | -/5000 | -/5000 | -/10,000 |

Custom Cable Corp.