

FIBER INTERCONNECT PRODUCTS



Fiber Optic Breakout Cable ONFR(rated), OFNP (Plenum rated) or LSZH rated

Description / Applications

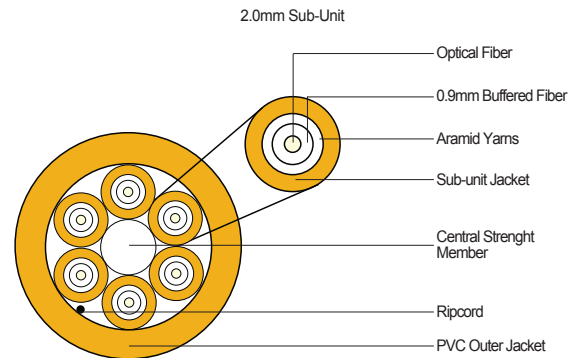
- Breakout cables are rugged, high performance optical communication cables for inside plant installations
- OFNR(riser rated), OFNP(plenum rated) or LSZH (low smoke zero halogen rated)
- Backbone & Computer Room Cabling
- Direct Termination on 2.0 mm Sub-Units
- RoHS (Restriction of the use of Certain Hazardous Substances Directive) complied

Specification

- ISO/IEC 11801
- Telcordia GR-409-CORE
- ANSI/ICEA S-83-596

Options

- Fiber - Single mode, 50, 62.5 μ m multi mode available
- Higher fiber counts available upon request
- Other Sub-Unit Diameters Available (1.8mm, 2.4 mm, 2.9mm etc.)
- Buffered fiber : Natural (white)
- Sub-unit & Outer Jacket color
 - Single Mode : Yellow
 - 62.5/125 μ m 1Gbe : Orange
 - 50/125 μ m 1Gbe : Orange
 - 50/125 μ m 10Gbe : Aqua



Subunit Identifications

The identification code & number is printed on the sub-unit jacket every 10 cm (eg. 62.5MM#1, 62.5MM#2)

Mechanical Characteristics

Storage Temperature : -20 to + 70 °C / Operating Temperature : -10 to +60 °C

| Fiber Count | Nominal Diameter | | Nominal Weight | | Maximum Tensile Load | | Crush Load | | Minimum Bend Radius | | | |
|-------------|------------------|--------|----------------|-----------|----------------------|---------------|-------------------|------------------|---------------------|--------|-----------|--------|
| | [mm] | [inch] | [kg/km] | [lb/ktft] | Short Term [N] | Long Term [N] | Short Term [N/cm] | Long Term [N/cm] | Loaded | | Installed | |
| | | | | | | | | | [mm] | [inch] | [mm] | [inch] |
| 2 | 7.5 | 0.30 | 50 | 0.11 | 660 | 300 | 35 | 13 | 150 | 5.91 | 75 | 2.98 |
| 4 | 7.7 | 0.30 | 55 | 0.12 | 660 | 300 | 35 | 13 | 154 | 6.06 | 77 | 3.06 |
| 6 | 8 | 0.31 | 65 | 0.14 | 660 | 300 | 35 | 13 | 160 | 6.30 | 80 | 3.18 |
| 8 | 9.5 | 0.37 | 85 | 0.19 | 660 | 300 | 35 | 13 | 190 | 7.48 | 95 | 3.78 |
| 12 | 10.5 | 0.41 | 95 | 0.21 | 1320 | 660 | 35 | 13 | 210 | 8.27 | 105 | 4.18 |

Ordering Information

FC-XXX-BTC-NA-YYY-LZ
FC-XXX-BTC-NA-YYY-NR
FC-XXX-BTC-NA-YYY-NP

XXX : OS1, OM1, OM2, OM3
YYY : Number of Cores