

2-12 Fiber Central Loose Tube

Indoor/Outdoor Distribution Cable

CPE/Premise Wiring

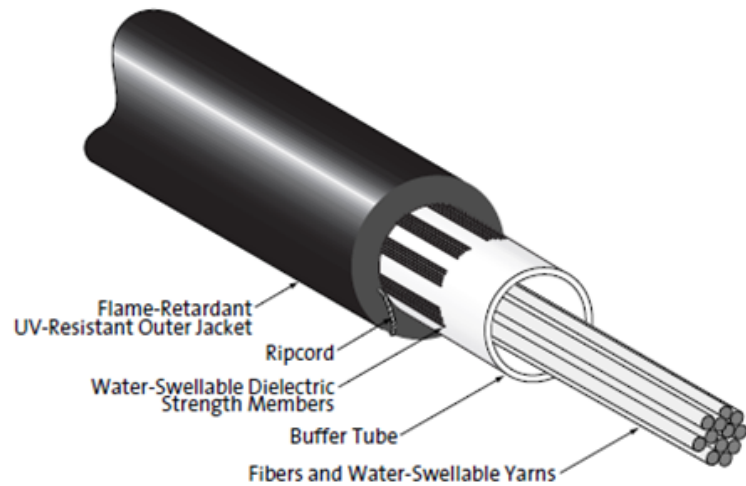
DOT

Headend/CO

FTTx

MDU

Utility/Municipality



Indoor/Outdoor central loose tube cable factory terminated to provides a versatile cost-effective transition from outdoor to indoor environments.

KEY PRODUCT BENEFITS

- ▶ Indoor/Outdoor dielectric Riser FT-4 construction
- ▶ Flame retardant, UV resistant
- ▶ Gel-Free with water blocking members
- ▶ 900um fanout kits for standard terminations
- ▶ 2mm breakout kits for ruggedized direct equipment terminations

INDUSTRY STANDARDS

- ▶ GR-20 Indoor/Outdoor, GR-409, GR-326
- ▶ ICEA S-104-696
- ▶ NEC OFNR, CSA FT-4

| Property | Values | | | |
|---------------------------------------|---|------------|----------|----------|
| Diameter | 0.24 in (6.0mm) | | | |
| Weight (lb/1,000ft) | 20 | | | |
| Min Bend Radius Loaded/Installed (cm) | 10.0 / 7.0 | | | |
| Max Loading Short Term/Installed (lb) | 300 / 90 | | | |
| Operational Temperature Range | -40 to + 70 C | | | |
| Fiber Code | R | K | C | S |
| Fiber Type | SM G.657A1 | MM62.5 OM1 | MM50 OM2 | MM50 OM3 |
| Wavelength (nm) | 1310/1550 | 850/1300 | 850/1300 | 850/1300 |
| Maximum Attenuation (dB/km) | 0.4 / 0.3 | 3.5/1.0 | 3.5/1.5 | 3.0/1.5 |
| Serial Gigabit Distance (m) | 5000/ - | 300/550 | 600/600 | 1000/600 |
| Serial 10 Gigabit Distance (m) | 10000/40000 | 33/ - | 82/ - | 300/ - |
| Insertion Loss | Singlemode <=0.3dB, Multimode <=0.4dB | | | |
| Back Reflection | Singlemode <=-55dB UPC <=-65dB APC, Multimode <=-25dB | | | |

ORDERING INFORMATION

| X | X | I 5 R 8 | -XX | XX | XXX | X | -XX |
|----------------|--------------|-----------------|-----------------|---------------|------------|---------------------|-----|
| Fiber Type | Strands | Connector End 1 | Connector End 2 | Length | UOM | Breakout | |
| R = SM G.657A1 | 2 = 2 Fiber | FC = FC UPC | FC = FC UPC | 3 Digit | F = Feet | 09 = 900um Legs 39" | |
| K = MM62.5 OM1 | 4 = 4 Fiber | LC = LC UPC | LC = LC UPC | (Ex. 001 = 1) | M = Meters | F9 = 2mm Legs 39" | |
| C = MM50 OM2 | 6 = 6 Fiber | SA = SC APC | NA = Pigtail | | | | |
| S = MM50 OM3 | 8 = 8 fiber | SC = SC UPC | SA = SC APC | | | | |
| | B = 12 Fiber | ST = ST UPC | SC = SC UPC | | | | |
| | | | ST = ST UPC | | | | |



Tii Technologies Inc.

Corporate Headquarters:

141 Rodeo Drive

Edgewood, NY 11717

Phone: 631.789.5000

Fax: 631.789.5063

Toll Free: 888.844.4720

sales@tiitech.com