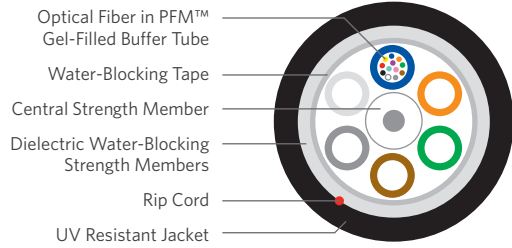


Loose Tube Single Jacket All Dielectric

Series 11



PRODUCT DESCRIPTION

Loose tube cables are the product of choice as the backbone in Outside Plant (OSP) environments. The rugged loose tube design offers reliable transmission performance over a broad temperature range. Optical fibers are placed inside filled buffer tubes containing PFM™ gel. The core is constructed by stranding the buffer tubes around a central member using a reverse oscillating lay (ROL). The core is wrapped with flexible strength members covered with a water-blocking tape, then encased with a black jacket. A rip cord is included under the jacket for ease of entry.

APPLICATIONS

- Underground duct and lashed aerial
- Trunk, distribution and feeder cable
- Local loop, metro, long-haul and broadband network

FEATURES

- Available with up to 288-fiber
- Multiple fiber types including hybrids
- Central strength members available in metallic or dielectric
- Dry (SAP) core standard
- Standard tube size for all fiber counts
- PFM gel

BENEFITS

- High fiber density
- Multiple network applications
- Metallic option offers ease of location, dielectric design eliminates grounding issues
- Reduces cable prep and installation time
- Reduces the number of tools required
- Non-sticky gel speeds fiber access and cleanup

SPECIFICATIONS

| | |
|-----------------------------|--|
| Fiber Count | Available in 6-fiber up to 288-fiber |
| Standards Compliance | Telcordia GR-20-CORE RDUP PE-90 Designation MLT ICEA S-87-640-2006 RoHS-compliant |

ENVIRONMENTAL SPECIFICATIONS

| | |
|--------------------------|----------------|
| Operation/Storage | -40°C to +70°C |
| Installation | -30°C to +75°C |

PART NUMBERS AND PHYSICAL CHARACTERISTICS

| Part Number ¹ | Fiber Count | Nominal Diameter in (mm) | Approx. Weight lbs/kft (kg/km) | Maximum Tensile Loading | | Minimum Bend Radius | |
|--------------------------|-------------|--------------------------|--------------------------------|-------------------------|-------------------|---------------------|-------------------|
| | | | | Install lbs (N) | Long Term lbs (N) | Install in (mm) | Long Term in (mm) |
| 11006xx01 | 6 | 0.43 (10.9) | 50 (75) | 600 (2,700) | 200 (890) | 8.6 (218) | 4.3 (109) |
| 11012xx01 | 12 | 0.43 (10.9) | 50 (75) | 600 (2,700) | 200 (890) | 8.6 (218) | 4.3 (109) |
| 11024xx01 | 24 | 0.43 (10.9) | 50 (75) | 600 (2,700) | 200 (890) | 8.6 (218) | 4.3 (109) |
| 11036xx01 | 36 | 0.43 (10.9) | 50 (75) | 600 (2,700) | 200 (890) | 8.6 (218) | 4.3 (109) |
| 11048xx01 | 48 | 0.43 (10.9) | 50 (75) | 600 (2,700) | 200 (890) | 8.6 (218) | 4.3 (109) |
| 11072xx01 | 72 | 0.47 (12.0) | 66 (99) | 600 (2,700) | 200 (890) | 9.4 (239) | 4.7 (119) |
| 11096xx01 | 96 | 0.55 (13.9) | 87 (130) | 600 (2,700) | 200 (890) | 11.0 (279) | 5.5 (140) |
| 11144xx01 | 144 | 0.69 (17.5) | 142 (211) | 600 (2,700) | 200 (890) | 13.8 (351) | 6.9 (175) |
| 11216xx01 | 216 | 0.72 (18.3) | 141 (209) | 600 (2,700) | 200 (890) | 14.4 (366) | 7.2 (183) |
| 11288xx01 | 288 | 0.81 (20.5) | 183 (272) | 600 (2,700) | 200 (890) | 16.2 (411) | 8.1 (206) |

PART NUMBER KEY

| | | | | | | | | | |
|----------------|---|-----------------------|---|---|------------|---|---------------------|---|-------------------------------|
| 1 | 1 | — | — | — | x | x | 0 | — | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| product family | | fiber count (006-288) | | | fiber type | | internal designator | | water block/ marking (1-8) |

Contact Customer Service for availability of non-standard offerings.
See "Optical Fiber Cable" options in the "Technical Info" section for flooding and jacket marking options.

SINGLE MODE OPTICAL FIBER TYPES

| | Conventional | Reduced Water Peak | Zero Water Peak | TeraFlex® Bend Resistant | | | |
|---|--------------|--------------------|-----------------|--------------------------|---------|---------|------|
| | | | | G.657A1 | G.657A2 | G.657B3 | NZDS |
| ¹ For ≤ 36 fibers replace "xx" with: | 9T | 3T | 2T | KT | JT | LT | 8T |
| ¹ For > 36 fibers replace "xx" with: | 91 | 31 | 21 | K1 | J1 | L1 | 81 |

See the "Optical Fiber Selection Chart" in the "Technical Info" section for detailed fiber type specifications.

MULTIMODE OPTICAL FIBER TYPES

| | TeraGain® 62.5/125 | TeraGain Laser Optimized 50/125 | | |
|---------------------------------|-----------------------|------------------------------------|---------|---------|
| | | 10G/150 | 10G/300 | 10G/550 |
| ¹ Replace "xx" with: | 6G | AG | BG | FG |