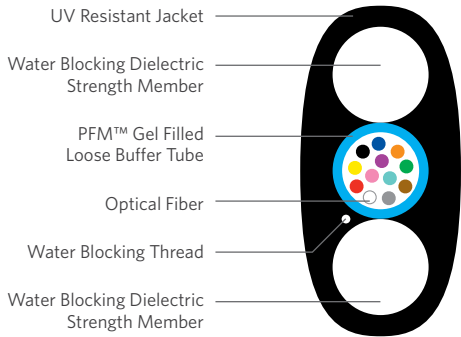


Universal Drop FTTP

Series 6U



PRODUCT DESCRIPTION

Universal Drop FTTP offers the most flexible solution for fiber to the premise applications. This all dielectric cable requires no grounding or bonding. The small profile reduces cost and increases both ease of use and access to small conduits. This durable design incorporates two dielectric rigid rods for tensile and crush protection, bracketing a single enhanced loose tube containing up to 12 optical fibers and PFM™ gel. A black, weather resistant jacket completes the cable construction.

APPLICATIONS

- Drop cables
- Broadband network
- Local loop
- Fiber to the premise

FEATURES

- Available with up to 12-fiber
- Universal design
- Dielectric
- PFM gel
- Dielectric Rods
- Multiple fiber types including TeraFlex® bend resistant

BENEFITS

- Offers the maximum bandwidth for FTTP business, etc.
- Aerial or direct bury
- Eliminates bonding and grounding
- Non-sticky gel reduces installation time and labor cost
- Excellent crush resistance
- Multiple network applications

SPECIFICATIONS

| | |
|--------------------------------------|---|
| Fiber Count | Available with up to 12-fiber inside a PFM gel-filled loose buffer tube |
| Strength Members | Water-blocking dielectric strength members placed parallel to single loose tube, one on each side, to provide necessary longitudinal strength |
| Jacket | Black, UV resistant jacket |
| Maximum Span Length at 1% Sag ft (m) | Light Loading: 330 (101) Medium Loading: 225 (69) Heavy Loading: 150 (46) |
| Standards Compliance | Telcordia® GR-20-CORE RDUP PE-90 Designation 570Q RoHS-compliant |

Telcordia is a registered trademark of Ericsson Inc.

PART NUMBER KEY

| | | | | | | | | |
|----------------|-----------------------|------------|---------------------|--------------|---------------------|---|-----------|-----------|
| 6 | U | — | — | — | x | 1 | R, B or 0 | G, B or 1 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Product family | Fiber count (002-012) | Fiber type | Internal designator | Package type | Internal designator | | | |

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

ENVIRONMENTAL SPECIFICATIONS

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

PART NUMBERS AND PHYSICAL CHARACTERISTICS

| Part Number ¹ | Fiber Count | Nominal Dimensions | | Nominal Weight lbs/kft (kg/km) | Maximum Tensile Loading | | Minor Dimension Bend Radius in (mm) | Package | Approx. Shipping Weight lbs (kg) |
|--------------------------|-------------|--------------------|---------------|--------------------------------|-------------------------|-------------------|-------------------------------------|----------------------|----------------------------------|
| | | Minor in (mm) | Major in (mm) | | Install lbs (N) | Long Term lbs (N) | | | |
| 6U001x101 | 1 | 0.17 (4.3) | 0.32 (8.0) | 24 (36) | 300 (1,335) | 90 (405) | 3.15 (76) | Master reel | - |
| 6U002x101 | 2 | 0.17 (4.3) | 0.32 (8.0) | 24 (36) | 300 (1,335) | 90 (405) | 3.15 (76) | Master reel | - |
| 6U002x1RG | 2 | 0.17 (4.3) | 0.32 (8.0) | 24 (36) | 300 (1,335) | 90 (405) | 3.15 (76) | 2,500' Reel | 132 (60) |
| 6U002x1BB | 2 | 0.17 (4.3) | 0.32 (8.0) | 24 (36) | 300 (1,335) | 90 (405) | 3.15 (76) | 1,000' Reel-in-a-Box | 52 (24) |
| 6U004x1RG | 4 | 0.17 (4.3) | 0.32 (8.0) | 24 (36) | 300 (1,335) | 90 (405) | 3.15 (76) | 2,500' Reel | 132 (60) |
| 6U004x1BB | 4 | 0.17 (4.3) | 0.32 (8.0) | 24 (36) | 300 (1,335) | 90 (405) | 3.15 (76) | 1,000' Reel-in-a-Box | 52 (24) |
| 6U006x1RG | 6 | 0.17 (4.3) | 0.32 (8.0) | 24 (36) | 300 (1,335) | 90 (405) | 3.15 (76) | 2,500' Reel | 132 (60) |
| 6U006x1BB | 6 | 0.17 (4.3) | 0.32 (8.0) | 24 (36) | 300 (1,335) | 90 (405) | 3.15 (76) | 1,000' Reel-in-a-Box | 52 (24) |
| 6U012x1RG | 12 | 0.17 (4.3) | 0.32 (8.0) | 24 (36) | 300 (1,335) | 90 (405) | 3.15 (76) | 2,500' Reel | 132 (60) |

FIBER TYPES:

SINGLE MODE

| | Reduced Water Peak | | Zero Water Peak | | TeraFlex® Bend Resistant | | | |
|--------------------------------|--------------------|---|-----------------|--|--------------------------|----------|----------|-----------|
| | | | | | G.657.A1 | G.657.A2 | G.657.B3 | NZDS LEAF |
| ¹ Replace "x" with: | 3 | 2 | | | K | J | L | 8 S |

MULTIMODE

| | TeraFlex Bend Resistant Laser Optimized 50/125 | | | |
|--|--|---------|---------|---------|
| | TeraGain® 62.5/125 | 10G/150 | 10G/300 | 10G/550 |
| | 6 | M | N | P |

See "Optical Fiber Specifications" in the "Technical Information" section for detailed fiber type specifications.