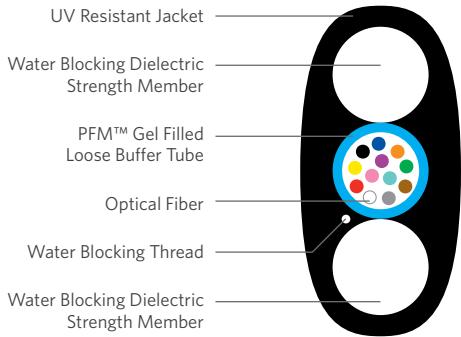


Universal Drop FTTP

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

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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.