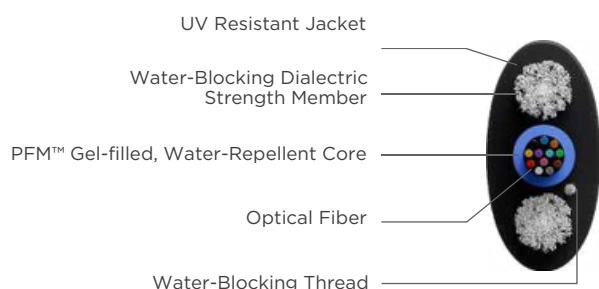


Universal Drop FTTP

Series 6U



Specifications

Fiber Count	Available with up to 24-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.

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 24 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 24-fiber
- Universal design
- Dielectric
- PFM gel
- Dielectric Rods
- Length marks are printed in both sequential feet and meters

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
- Eliminates need for length conversion

Environmental Specifications

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

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 Info" section for flooding and jacket marking options.

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)	0.30 (7.7)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	Master reel	-
6U002x101	2	0.17 (4.3)	0.30 (7.7)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	Master reel	-
6U002x1RG	2	0.17 (4.3)	0.30 (7.7)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	2,500' Reel	132 (60)
6U002x1BB	2	0.17 (4.3)	0.30 (7.7)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	1,000' Reel-in-a-Box	52 (24)
6U004x1RG	4	0.17 (4.3)	0.30 (7.7)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	2,500' Reel	132 (60)
6U004x1BB	4	0.17 (4.3)	0.30 (7.7)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	1,000' Reel-in-a-Box	52 (24)
6U006x1RG	6	0.17 (4.3)	0.30 (7.7)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	2,500' Reel	132 (60)
6U006x1BB	6	0.17 (4.3)	0.30 (7.7)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	1,000' Reel-in-a-Box	52 (24)
6U012x1RG	12	0.17 (4.3)	0.30 (7.7)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	2,500' Reel	132 (60)
6U024x101	24	0.17 (4.4)	0.29 (7.4)	22 (33)	300 (1,335)	90 (405)	3.15 (76)	Master reel	-
6U024x1RG	24	0.17 (4.4)	0.29 (7.4)	22 (33)	300 (1,335)	90 (405)	3.15 (76)	2,500' Reel	121 (55)
6U024x1BB	24	0.17 (4.4)	0.29 (7.4)	22 (33)	300 (1,335)	90 (405)	3.15 (76)	1,000' Reel-in-a-Box	47 (21)

Fiber types:

Single Mode

Reduced Water Peak	Zero Water Peak	TeraFlex® Bend Resistant			NZDS	LEAF
		G.657.A1	G.657.A2	G.657.B3		
3	2	K	J	L	8	S

Multimode

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

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