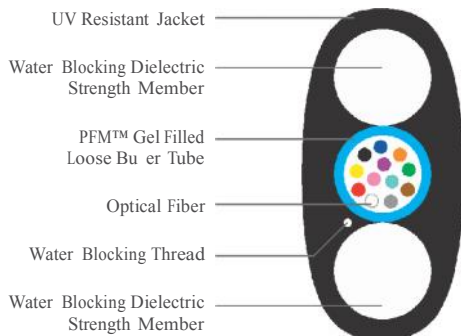


# UNIVERSAL DROP FTTP

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

## Environmental Specifications

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

## Part Numbers and Physical Characteristics

Part Number <sup>1</sup>	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)			
16U002x1RG	2	0.17 (4.3)	0.32 (8.0)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	2,500' Reel	132 (60)
16U002x1BB	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)
16U004x1RG	4	0.17 (4.3)	0.32 (8.0)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	2,500' Reel	132 (60)
16U004x1BB	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)
16U006x1RG	6	0.17 (4.3)	0.32 (8.0)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	2,500' Reel	132 (60)
16U006x1BB	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)
16U012x1RG	12	0.17 (4.3)	0.32 (8.0)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	2,500' Reel	132 (60)
16U002x101	2	0.17 (4.3)	0.32 (8.0)	24 (36)	300 (1,335)	90 (405)	3.15 (76)	Master reel	-

## 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.

## Single Mode Optical Fiber Types

	Reduced Water Peak		Zero Water Peak	TeraFlex® Bend Resistant			
	Conventional			G.657.A1	G.657.A2	G.657.B3	NZDS
<sup>1</sup> Replace "x" with:	9	3	2	K	J	L	8

## Multimode Optical Fiber Types

	TeraGain®	TeraGain Laser Optimized 50/125
<sup>1</sup> Replace "x" with:		