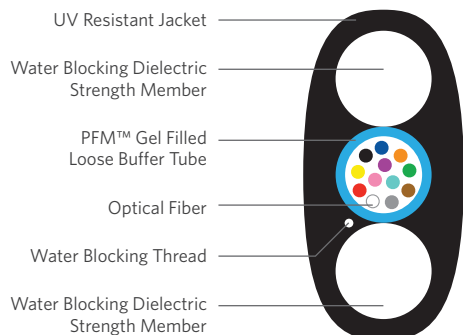


# Universal Drop FTTP

Series 6U



## 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.

## 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)			
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

<sup>1</sup>Replace "x" with:

3	2	K	J	L	8	S
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### MULTIMODE

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

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

## 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

## ENVIRONMENTAL SPECIFICATIONS

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

## PRODUCT DESCRIPTION

Toneable Drop FTTP offers the most flexible solution for fiber to the premise applications. The toneable unit allows for easy location after installation. The small profile reduces cost and increases both ease of use and access to small conduits. This product is the low cost solution to the network's last 100 meters. The 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.

## APPLICATIONS

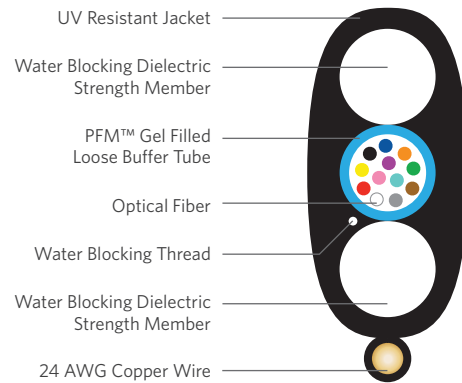
- Drop cables
- Broadband network
- Local loop
- Fiber to the premise

## FEATURES

- Available with up to 12-fiber
- Universal design
- Toneable element
- PFM gel
- Dielectric rods
- Dry (SAP) core standard
- Multiple fiber types including TeraFlex® bend resistant

## BENEFITS

- Maximum bandwidth
- Aerial or direct bury
- Ease of location
- Non-sticky gel reduces installation time and labor cost
- Excellent crush resistance
- Reduces cable prep and installation time
- Multiple network applications



## SPECIFICATIONS

<b>Fiber Count</b>	Available with up to 12-fiber inside a PFM gel-filled loose buffer tube
<b>Strength Members</b>	Water-blocking dielectric strength members placed parallel to single loose tube, to provide necessary longitudinal strength
<b>Toneable Element</b>	24 AWG copper wire encased in jacket
<b>Jacket</b>	Black, UV resistant jacket
<b>Maximum Span Length at 1% Sag ft (m)</b>	Light Loading: 330 (101) Medium Loading: 225 (69) Heavy Loading: 150 (46)
<b>Standards Compliance</b>	Telcordia® GR-20-CORE RDUP PE-90 Designation 571Q RoHS-compliant

Telcordia is a registered trademark of Ericsson Inc.

## PART NUMBER KEY

6	T	-	-	-	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

<b>Operation/Storage</b>	-40°C to +70°C
<b>Installation</b>	-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)			
6T001x101	1	0.17 (4.3)	0.35 (9.0)	27 (40)	300 (1,335)	90 (405)	3.15 (76)	Master reel	-
6T002x101	2	0.17 (4.3)	0.35 (9.0)	27 (40)	300 (1,335)	90 (405)	3.15 (76)	Master reel	-
6T002x1RG	2	0.17 (4.3)	0.35 (9.0)	27 (40)	300 (1,335)	90 (405)	3.15 (76)	2,500' Reel	121 (55)
6T002x1BB	2	0.17 (4.3)	0.35 (9.0)	27 (40)	300 (1,335)	90 (405)	3.15 (76)	1,000' Reel-in-a-Box	47 (17)
6T004x1RG	4	0.17 (4.3)	0.35 (9.0)	27 (40)	300 (1,335)	90 (405)	3.15 (76)	2,500' Reel	121 (55)
6T004x1BB	4	0.17 (4.3)	0.35 (9.0)	27 (40)	300 (1,335)	90 (405)	3.15 (76)	1,000' Reel-in-a-Box	47 (17)
6T006x1RG	6	0.17 (4.3)	0.35 (9.0)	27 (40)	300 (1,335)	90 (405)	3.15 (76)	2,500' Reel	121 (55)
6T006x1BB	6	0.17 (4.3)	0.35 (9.0)	27 (40)	300 (1,335)	90 (405)	3.15 (76)	1,000' Reel-in-a-Box	47 (17)
6T012x1RG	12	0.17 (4.3)	0.35 (9.0)	27 (40)	300 (1,335)	90 (405)	3.15 (76)	2,500' Reel	121 (55)
6T012x1BB	12	0.17 (4.3)	0.35 (9.0)	27 (40)	300 (1,335)	90 (405)	3.15 (76)	1,000' Reel-in-a-Box	47 (17)

## FIBER TYPES:

### SINGLE MODE

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

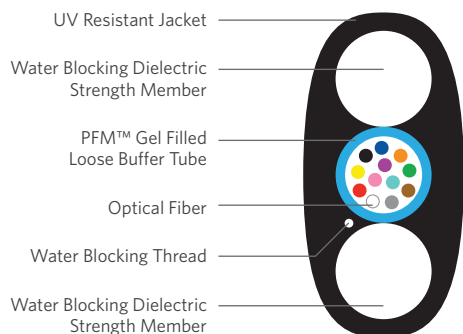
### MULTIMODE

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

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

# Universal Flex FTTP

Series 6S



## 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 PVC jacket
Maximum Span Length at 1% Sag ft (m)	Light Loading: 330 (101) Medium Loading: 225 (69) Heavy Loading: 150 (46)
Performance Compliance	Telcordia® GR-20-CORE, Issue 3 RDUP PE-90 RoHS-compliant

Telcordia is a registered trademark of Ericsson Inc.

## PART NUMBER KEY

6	S	-	-	-	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.

## PRODUCT DESCRIPTION

Universal Flex FTTP offers the most complete solution for the fiber to the premise application. This compact cable is RoHS-compliant (no heavy metals) and universal in application. The cable is designed for use in duct, aerial and direct bury environments. The single tube contains PFM™ gel which provides ease of clean up. This product is available with TeraFlex® optical fiber which complies with ITU G.652D and provides increased bend performance.

Universal Flex FTTP is offered as a bulk reel with a standard length of 2,500 ft or in a 1,000 ft Reel-in-a-Box (weather resistant package weighing only 39 lbs). QuickCount® print is standard on the Reel-in-a-Box and reduces scrap by identifying the length of cable remaining in the box.

## APPLICATIONS

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

## FEATURES

- Available with up to 12-fiber
- Multiple fiber types including TeraFlex bend resistant
- Universal design
- PFM gel
- Sunlight resistant
- Reel-in-a-Box package option

## BENEFITS

- Offers the maximum bandwidth for FTTP business, etc.
- Multiple network applications
- Aerial, direct bury and conduit
- Non-sticky gel reduces installation time and labor cost
- Longer cable life
- QuickCount countdown footage marking feature reduces scrap
- Easy to carry and store

## ENVIRONMENTAL SPECIFICATIONS

Operation/Storage	-40°C to +70°C
Installation	-10°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)			
6S001x101	1	0.17 (4.3)	0.32 (8.0)	31 (46)	300 (1,335)	90 (405)	3.19 (81)	Master reel	-
6S002x101	2	0.17 (4.3)	0.32 (8.0)	31 (46)	300 (1,335)	90 (405)	3.19 (81)	Master reel	-
6S002x1RG	2	0.17 (4.3)	0.32 (8.0)	31 (46)	300 (1,335)	90 (405)	3.19 (81)	2,500' Reel	109 (49)
6S002x1BB	2	0.17 (4.3)	0.32 (8.0)	31 (46)	300 (1,335)	90 (405)	3.19 (81)	1,000' Reel-in-a-Box	42 (19)
6S004x1RG	4	0.17 (4.3)	0.32 (8.0)	31 (46)	300 (1,335)	90 (405)	3.19 (81)	2,500' Reel	109 (49)
6S004x1BB	4	0.17 (4.3)	0.32 (8.0)	31 (46)	300 (1,335)	90 (405)	3.19 (81)	1,000' Reel-in-a-Box	42 (19)
6S012x1RG	12	0.17 (4.3)	0.32 (8.0)	31 (46)	300 (1,335)	90 (405)	3.19 (81)	2,500' Reel	109 (49)
6S012x1BB	12	0.17 (4.3)	0.32 (8.0)	31 (46)	300 (1,335)	90 (405)	3.19 (81)	1,000' Reel-in-a-Box	42 (19)

## 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

<sup>1</sup>Replace "x" with:

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

## PRODUCT DESCRIPTION

Toneable Flex FTTP offers the most complete solution for the fiber to the premise application. This compact cable is RoHS-compliant (no heavy metals) and universal in application. The cable is designed for use in duct, aerial and direct bury environments. Cable location is made simple with the toneable copper wire. The single tube contains PFM™ gel, which provides ease of clean up. This product is standard with TeraFlex® optical fiber which complies with ITU G.652D and provides increased bend performance.

Toneable Flex FTTP is offered as a bulk reel with a standard length of 2,500 ft or in a 1,000 ft Reel-in-a-Box (weather resistant package weighing only 39 lbs). QuickCount® print is standard on the Reel-in-a-Box and reduces scrap by identifying the length of cable remaining in the box.

## APPLICATIONS

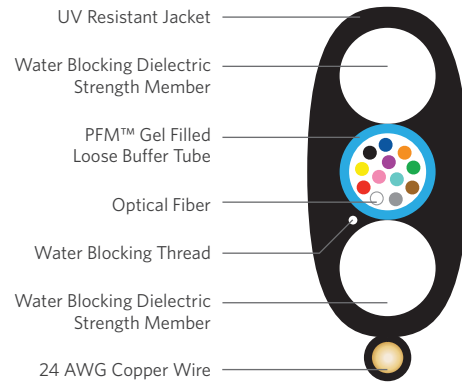
- Drop cables
- Broadband network
- Local loop
- Fiber to the premise

## FEATURES

- Available with up to 12-fiber
- Multiple fiber types including TeraFlex bend resistant
- Universal design
- PFM gel
- Reel-in-a-Box package option
- Toneable element

## BENEFITS

- Offers the maximum bandwidth for FTTP business, etc.
- Multiple network applications
- Aerial, direct bury and conduit
- Non-sticky gel reduces installation time and labor cost
- QuickCount countdown footage marking feature reduces scrap
- Easy to carry and store
- Ease of location



## SPECIFICATIONS

<b>Fiber Count</b>	Available with up to 12-fiber inside a PFM gel-filled loose buffer tube
<b>Strength Members</b>	Water-blocking dielectric strength members placed parallel to single loose tube, one on each side, to provide necessary longitudinal strength
<b>Toneable Element</b>	24 AWG copper wire encased in a jacket
<b>Jacket</b>	Black, UV resistant PVC jacket
<b>Maximum Span Length at 1% Sag ft (m)</b>	Light Loading: 330 (101) Medium Loading: 225 (69) Heavy Loading: 150 (46)
<b>Performance Compliance</b>	Telcordia® GR-20-CORE, Issue 3 RDUP PE-90 UL® 1666 RoHS-compliant

Telcordia is a registered trademark of Ericsson Inc. UL is a registered trademark of UL LLC.

## PART NUMBER KEY

6	R	—	—	—	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

<b>Operation/Storage</b>	-40°C to +70°C
<b>Installation</b>	-10°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)			
6R001x101	1	0.17 (4.3)	0.35 (9.0)	34 (51)	300 (1,335)	90 (405)	3.19 (81)	Master reel	-
6R002x101	2	0.17 (4.3)	0.35 (9.0)	34 (51)	300 (1,335)	90 (405)	3.19 (81)	Master reel	-
6R002x1RG	2	0.17 (4.3)	0.35 (9.0)	34 (51)	300 (1,335)	90 (405)	3.19 (81)	2,500' Reel	102 (46)
6R002x1BB	2	0.17 (4.3)	0.35 (9.0)	34 (51)	300 (1,335)	90 (405)	3.19 (81)	1,000' Reel-in-a-Box	39 (18)
6R004x1RG	4	0.17 (4.3)	0.35 (9.0)	34 (51)	300 (1,335)	90 (405)	3.19 (81)	2,500' Reel	102 (46)
6R004x1BB	4	0.17 (4.3)	0.35 (9.0)	34 (51)	300 (1,335)	90 (405)	3.19 (81)	1,000' Reel-in-a-Box	39 (18)
6R012x1RG	12	0.17 (4.3)	0.35 (9.0)	34 (51)	300 (1,335)	90 (405)	3.19 (81)	2,500' Reel	102 (46)
6R012x1BB	12	0.17 (4.3)	0.35 (9.0)	34 (51)	300 (1,335)	90 (405)	3.19 (81)	1,000' Reel-in-a-Box	39 (18)

## FIBER TYPES:

### SINGLE MODE

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

### MULTIMODE

TeraGain®	TeraFlex Bend Resistant Laser Optimized 50/125		
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.