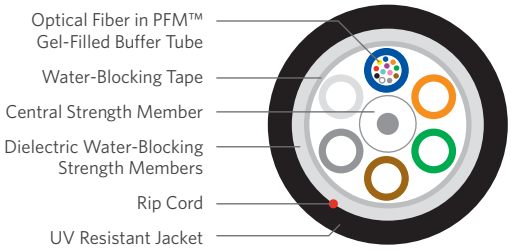
Loose Tube Single Jacket All Dielectric

Series 11



PRODUCT DESCRIPTION

Loose tube cables are the product of choice as the backbone in Outside Plant (OSP) environments. The durable loose tube design offers reliable transmission performance over a broad temperature range. Optical fibers are placed inside filled buffer tubes containing PFM™ gel. The core is constructed by stranding the buffer tubes around a central member using a reverse oscillating lay (ROL). The core is wrapped with flexible strength members covered with a water-blocking tape, then encased with a black jacket. A rip cord is included under the jacket for ease of entry.

APPLICATIONS

- Underground duct and lashed aerial
- Trunk, distribution and feeder cable
- Local loop, metro, long-haul and broadband network

FEATURES

- Available with up to 432-fiber
- Multiple fiber types including hybrids
- Central strength members available in metallic or dielectric
- Dry (SAP) core standard
- Standard tube size for all fiber counts
- PFM gel

BENEFITS

- High fiber density
- Multiple network applications
- Metallic option offers ease of location, dielectric design eliminates grounding issues
- Reduces cable prep and installation time
- Reduces the number of tools required
- Non-sticky gel speeds fiber access and cleanup

SPECIFICATIONS

Fiber Count	Available in 2-fiber up to 432-fiber
Standards Compliance	Telcordia® GR-20-CORE RDUP PE-90 Designation MLT ICEA S-87-640-2011 RoHS-compliant

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ENVIRONMENTAL SPECIFICATIONS

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

PART NUMBER KEY

1	1	_	_	_	x	x	0	y
1	2	3	4	5	6	7	8	9
Product family		Fiber count (002-432)			Fiber type	Internal designator		Water block/ marking (1-8)

Contact Customer Service for availability of non-standard offerings.

PART NUMBERS AND PHYSICAL CHARACTERISTICS

				Maximum Tensile Loading		Minimum Bend Radius	
Part Number[1]	Fiber Count	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)
11006xx0y	6	0.41 (10.3)	47 (70)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)
11012xx0y	12	0.41 (10.3)	47 (70)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)
11018xx0y	18	0.41 (10.3)	47 (70)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)
11024xx0y	24	0.41 (10.3)	47 (70)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)
11036xx0y	36	0.41 (10.3)	47 (70)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)
11048xx0y	48	0.41 (10.3)	47 (70)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)
11060xx0y	60	0.41 (10.3)	47 (70)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)
11072xx0y	72	0.43 (11.0)	61 (91)	600 (2,700)	200 (890)	8.6 (220)	4.3 (110)
11096xx0y	96	0.50 (12.7)	79 (118)	600 (2,700)	200 (890)	10.0 (254)	5.0 (127)
11144xx0y	144	0.63 (16.0)	124 (185)	600 (2,700)	200 (890)	12.6 (320)	6.3 (160)
11216xx0y	216	0.63 (16.0)	120 (179)	600 (2,700)	200 (890)	12.6 (320)	6.3 (160)
11288xx0y	288	0.74 (18.9)	161 (240)	600 (2,700)	200 (890)	14.8 (378)	7.4 (189)
11432xx0y	432	0.82 (21.0)	137 (205)	600 (2,700)	200 (890)	16.4 (420)	8.2 (210)

FIBER TYPES:

	SINGLE MODE							HYBRID	MULTIMODE			
			TeraFlex® Bend Resistant							TeraFlex Bend Resistant Laser Optimized 50/125		
	Reduced Water Peak	Zero Water Peak	G.657.A1	G.657.A2	G.657.B3	NZDS	LEAF	Hybrid	TeraGain® 62.5/125	10G/150	10G/300	10G/550
[1]For ≤ 36 fibers replace "xx" with:	3T	2T	KT	JT	LT	8T	ST	H_	6G	MG	NG	PG
[1]For > 36 fibers replace "xx" with:	31	21	K1	J1	L1	81	S1					

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

WATER BLOCK AND JACKET PRINT CODES

	Dry core		Dry core special	
	Feet	Meters	Feet	Meters
[1]Replace "y" with:	1	2	5	6

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