

Product Description

Loose tube cables are the product of choice as the backbone in Outside Plant (OSP) environments. The rugged loose tube design offers reliable transmission performance over a broad temperature range. Optical fibers are placed inside gel-free buffer tubes. 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 inner jacket. Water-blocking yarns and a black outer jacket are applied. Rip cords are included under each jacket for ease of entry.

Applications

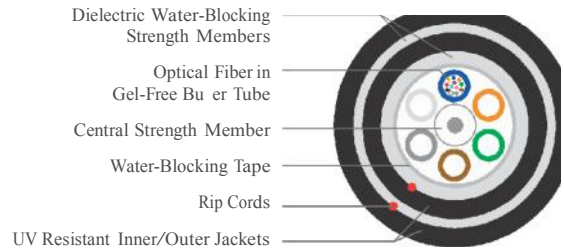
- Underground duct and lashed aerial
- Trunk, distribution and feeder cables
- Local loop, metro, long-haul and broadband network

Features

- Available with up to 288-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
- Gel-free tubes

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
- Speeds fiber access and cleanup



Specifications

Fiber Count	Available in 12-fiber up to 288-fiber
Standards Compliance	Telcordia GR-20-CORE RDUP PE-90 Designation MLT ICEA S-87-640-2006 RoHS-compliant

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 Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Maximum Tensile Loading		Minimum Bend Radius	
				Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)
11G012xD01	12	0.50 (12.8)	73 (109)	600 (2,700)	200 (890)	10.0 (256)	5.0 (128)
11G024xD01	24	0.50 (12.8)	73 (109)	600 (2,700)	200 (890)	10.0 (256)	5.0 (128)
11G036xD01	36	0.50 (12.8)	73 (109)	600 (2,700)	200 (890)	10.0 (256)	5.0 (128)
11G048xD01	48	0.50 (12.8)	73 (109)	600 (2,700)	200 (890)	10.0 (256)	5.0 (128)
11G072xD01	72	0.53 (13.4)	86 (128)	600 (2,700)	200 (890)	10.6 (268)	5.3 (134)
11G096xD01	96	0.59 (15.1)	110 (164)	600 (2,700)	200 (890)	11.8 (302)	5.9 (151)
11G144xD01	144	0.72 (18.4)	162 (242)	600 (2,700)	200 (890)	14.4 (368)	7.2 (184)
11G216xD01	216	0.72 (18.4)	157 (235)	600 (2,700)	200 (890)	14.4 (368)	7.2 (184)
11G288xD01	288	0.84 (21.3)	205 (306)	600 (2,700)	200 (890)	16.8 (426)	8.4 (213)

Part Number Key

1	G	-	-	-	x	D	0	-
1	2	3	4	5	6	7	8	9
Product family	Fiber count (012-288)	Fiber type	Internal designator	Water block/ marking (1-8)				

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

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

Multimode Optical Fiber Types

	TeraGain® 62.5/125	TeraGain Laser Optimized 50/125		
		10G/150	10G/300	10G/550
¹ Replace "x" with:	6	A	B	F