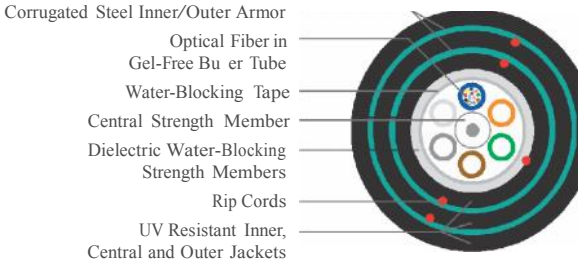
Besten
Wire and Cable Corporation

DRI-LITE® LOOSE TUBE TRIPLE JACKET DOUBLE ARMOR

Series 1CD

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 in a black inner jacket. Flexible strength members are applied with a corrugated steel armor and an intermediate black jacket. Another layer of flexible strength members with a corrugated steel armor and a black outer jacket completes the cable construction. Rip cords are included under the inner jacket and each armor for ease of entry.



Applications

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

Features

- Available with up to 144-fiber
- Multiple fiber types including hybrids
- Dry (SAP) core standard
- Standard tube size for all fiber counts
- Corrugated steel armor
- Gel-free tubes

Benefits

- High fiber density
- Multiple network applications
- Reduces cable prep and installation time
- Reduces the number of tools required
- Improves compressive strength and rodent protection
- Speeds fiber access and cleanup

Specifications

Fiber Count	Available in 12-fiber up to 144-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

				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)
11C012xD01	12	0.73 (18.6)	229 (341)	600 (2,700)	200 (890)	14.6 (372)	7.3 (186)
11C024xD01	24	0.73 (18.6)	229 (341)	600 (2,700)	200 (890)	14.6 (372)	7.3 (186)
11C036xD01	36	0.73 (18.6)	229 (341)	600 (2,700)	200 (890)	14.6 (372)	7.3 (186)
11C048xD01	48	0.73 (18.6)	229 (341)	600 (2,700)	200 (890)	14.6 (372)	7.3 (186)
11C072xD01	72	0.76 (19.4)	252 (376)	600 (2,700)	200 (890)	15.2 (384)	7.6 (194)
11C096xD01	96	0.83 (21.1)	289 (431)	600 (2,700)	200 (890)	16.6 (422)	8.3 (211)
11C144xD01	144	0.96 (24.4)	376 (560)	600 (2,700)	200 (890)	19.2 (488)	9.6 (244)

Part Number Key

1	C	_	_	_	x	D	0	_
1	2	3	4	5	6	7	8	9
Product family		Fiber count (012-144)			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

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

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

Multimode Optical Fiber Types

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

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