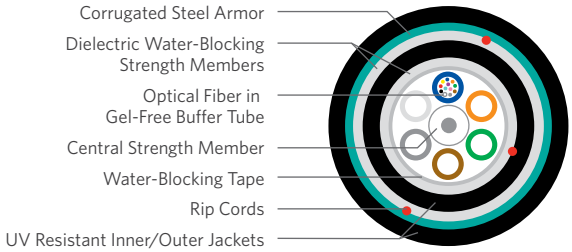
Dri-Lite® Loose Tube Double Jacket Single Armor

Series 1AD

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 corrugated steel armor are applied and a black outer jacket completes the cable construction. Rip cords are included under the inner jacket and 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 / BENEFITS

FEATURES	BENEFITS
• Available with up to 288-fiber	• High fiber density
• Multiple fiber types including hybrids	• Multiple network applications
• Dry (SAP) core standard	• Reduces cable prep and installation time
• Standard tube size for all fiber counts	• Reduces the number of tools required
• Corrugated steel armor	• Improves compressive strength and rodent protection
• Gel-free tubes	• Speeds fiber access and cleaning

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 NUMBER KEY

1	A	_	_	_	x	D	0	y
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.

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)
11A012xD0y	12	0.56 (14.1)	119 (178)	600 (2,700)	200 (890)	11.2 (282)	5.6 (141)
11A024xD0y	24	0.56 (14.1)	119 (178)	600 (2,700)	200 (890)	11.2 (282)	5.6 (141)
11A036xD0y	36	0.56 (14.1)	119 (178)	600 (2,700)	200 (890)	11.2 (282)	5.6 (141)
11A048xD0y	48	0.56 (14.1)	119 (178)	600 (2,700)	200 (890)	11.2 (282)	5.6 (141)
11A072xD0y	72	0.58 (14.9)	138 (206)	600 (2,700)	200 (890)	11.6 (298)	5.8 (149)
11A096xD0y	96	0.65 (16.6)	166 (248)	600 (2,700)	200 (890)	13.0 (322)	6.5 (166)
11A144xD0y	144	0.78 (19.9)	230 (343)	600 (2,700)	200 (890)	15.6 (398)	7.8 (199)
11A216xD0y	216	0.78 (19.9)	226 (336)	600 (2,700)	200 (890)	15.6 (398)	7.8 (199)
11A288xD0y	288	0.90 (22.9)	283 (422)	600 (2,700)	200 (890)	18.0 (458)	9.0 (229)

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

		TeraFlex Bend Resistant Laser Optimized 50/125			
	TeraGain® 62.5/125	10G/150	10G/300	10G/550	
[1]Replace "x" with:	6	M	N	P	

WATER BLOCK AND JACKET PRINT CODES

	dry core		flooded core		dry core special		flooded core special	
	feet	meters	feet	meters	feet	meters	feet	meters
[1]Replace "y" with:	1	2	3	4	5	6	7	8