## **Dri-Lite® Loose Tube Single Jacket All Dielectric**

Series 11D

# SUPERIOR ESSEX

UV Resistant Jacket

Water-Blocking Tape

Central Strength Member

Optical Fiber in Gel-Free Buffer Tube

Rip Cords

Dielectric Water-Blocking Strength Members



#### **SPECIFICATIONS**

Installation

Fiber Count	Available in 6-fiber up to 432-fiber
Standards Compliance	Telcordia® GR-20-CORE RDUP PE-90 Designation MLT ICEA S-87-640-2011 RoHS-compliant

Telcordia is a registered trademark of Ericsson Inc

#### **ENVIRONMENTAL SPECIFICATIONS** -40°C to +70°C Operation/Storage

PAR	T NUME	BER KEY						
1	1	_	_	_	Х	D	0	У
1	2	3	4	5	6	7	8	9
	roduct amily	Fiber co	ount (00	6-432)	Fiber type		rnal nator	Water block/ marking (1-8)

-30°C to +70°C

Contact Customer Service for availability of non-standard offerings.

#### 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 and water-blocking elements 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 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 composites
- 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

TeraFlex Bend Resistant Laser Optimized 50/125

10G/300

## PART NUMBERS AND PHYSICAL CHARACTERISTICS

			Maximum Tensile Loading Minimum B		Maximum Tensile Loading		Bend Radius	
Part Number <sup>1</sup>	Fiber Count	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Install lbs (N)	Long Term Ibs (N)	Install in (mm)	Long Term in (mm)	
11006xD0y	6	0.41 (10.3)	47 (70)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)	
11012xD0y	12	0.41 (10.3)	47 (70)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)	
11024xD0y	24	0.41 (10.3)	47 (70)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)	
11036xD0y	36	0.41 (10.3)	47 (70)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)	
11048xD0y	48	0.41 (10.3)	47 (70)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)	
11060xD0y	60	0.41 (10.3)	47 (70)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)	
11072xD0y	72	0.43 (11.0)	61 (91)	600 (2,700)	200 (890)	8.6 (220)	4.3 (110)	
11096xD0y	96	0.50 (12.7)	79 (118)	600 (2,700)	200 (890)	10.0 (254)	5.0 (127)	
11144xD0y	144	0.63 (16.0)	124 (185)	600 (2,700)	200 (890)	12.6 (320)	6.3 (160)	
11192xD0y	192	0.69 (17.6)	177 (264)	600 (2,700)	200 (890)	13.8 (352)	6.9 (176)	
11216xD0y	216	0.63 (16.0)	120 (179)	600 (2,700)	200 (890)	12.6 (320)	6.3 (160)	
11288xD0y	288	0.74 (18.9)	161 (240)	600 (2,700)	200 (890)	14.8 (378)	7.4 (189)	
11432xD0v	432	0.82 (21.0)	121.9 (181.5)	600 (2.700)	200 (890)	16.4 (420)	8.2 (210)	

FIBER TYPES:	SINGLE MODE							
	Reduced Water Peak	Zero Water Peak	TeraFle	ex® Bend Re				
			G.657.A1	G.657.A2	G.657.B3	NZDS	LEAF	
<sup>1</sup> Replace "x" with:	3	2	K	J	L	8	S	

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

	Dry core		Dry core specia		
	Feet	Meters	Feet	Meters	
<sup>1</sup> Replace "y" with:	1	2	5	6	



TeraGain®

62.5/125

10G/150

10G/550