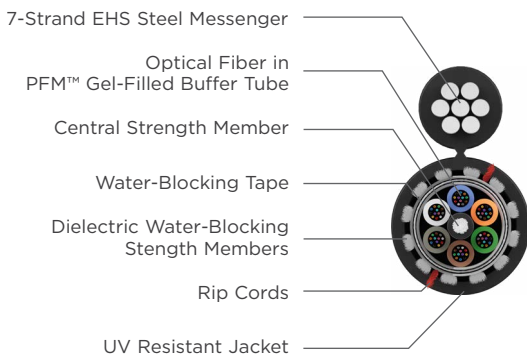


Loose Tube Single Jacket Self Support

Series 11M



PRODUCT DESCRIPTION

Loose tube cables are the product of choice as the backbone in Outside Plant (OSP) applications. Loose tube self support cables are designed for use in aerial applications as an alternative to lashing. These cables reduce installation time and costs. Superior Essex offers self support cables for spans up to 700 feet. The loose tube design offers reliable transmission performance over a broad temperature range. The durable loose tube design features optical fibers placed inside PFM™ gel-filled 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, a water-blocking tape and then encased with a black jacket and an integrated EHS steel messenger. A rip cord is included under the jacket for ease of entry.

APPLICATIONS

- Aerial self support
- Trunk, distribution and feeder cable
- Local loop, metro, long-haul and broadband network

FEATURES

- Available with up to 288-fiber
- Multiple fiber types including composites
- Dry (SAP) core standard
- Standard tube size for all fiber counts
- Conforms to standard pole attachment hardware
- PFM gel

BENEFITS

- High fiber density
- Multiple network applications
- Reduces cable prep and installation time
- Reduces the number of tools required
- Standard installation practices
- Non-sticky gel speeds fiber access and clean-up

SPECIFICATIONS

Fiber Count	Available in 6-fiber up to 288-fiber
Standards Compliance	Telcordia® GR-20-CORE RDUP PE-90 Designation MLT-8 ICEA S-87-640-2011 RoHS-compliant

PART NUMBER KEY

1	1	_	_	_	x	x	M	y	
1	2	3	4	5	6	7	8	9	
Product family	Fiber count (006-288)	Fiber type	Internal designator	Water block/marking (1-8)					

Contact Customer Service for availability of non-standard offerings.

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	Dimensions		Nominal Weight lbs/kft (kg/km)	Fiber Cable Component Maximum Tensile Loading		Support Messenger Breaking Strength lbs	Minimum Bend Radius	
		Minor in (mm)	Major in (mm)		Install lbs (N)	Long Term lbs (N)		Install in (mm)	Long Term in (mm)
11012xxMy	12	0.41 (10.4)	0.89 (22.6)	208 (310)	600 (2,700)	200 (890)	6,650	8.2 (208)	4.1 (104)
11024xxMy	24	0.41 (10.4)	0.89 (22.6)	208 (310)	600 (2,700)	200 (890)	6,650	8.2 (208)	4.1 (104)
11048xxMy	48	0.41 (10.4)	0.89 (22.6)	208 (310)	600 (2,700)	200 (890)	6,650	8.2 (208)	4.1 (104)
11072xxMy	72	0.43 (10.9)	0.93 (23.6)	224 (334)	600 (2,700)	200 (890)	6,650	8.6 (218)	4.3 (109)
11096xxMy	96	0.50 (12.7)	1.01 (25.7)	245 (365)	600 (2,700)	200 (890)	6,650	10.0 (254)	5.0 (127)
11144xxMy	144	0.63 (16.0)	1.13 (28.7)	290 (432)	600 (2,700)	200 (890)	6,650	12.6 (320)	6.3 (160)
11216xxMy	216	0.63 (16.0)	1.13 (28.7)	290 (432)	600 (2,700)	200 (890)	6,650	12.6 (320)	6.3 (160)
11288xxMy	288	0.74 (18.8)	1.24 (31.5)	327 (488)	600 (2,700)	200 (890)	6,650	14.8 (376)	7.4 (188)

FIBER TYPES:

SINGLE MODE

Reduced Water Peak	Zero Water Peak	TeraFlex® Bend Resistant			NZDS	LEAF
		G.657.A1	G.657.A2	G.657.B3		
3T	2T	KT	JT	LT	8T	ST
31	21	K1	J1	L1	81	S1

¹For ≤ 36 fibers replace "xx" with:

¹For > 36 fibers replace "xx" with:

MULTIMODE

TeraGain® 62.5/125	TeraFlex Bend Resistant Laser Optimized 50/125		
	10G/150	10G/300	10G/550
6G	MG	NG	PG

WATER BLOCK AND JACKET PRINT CODES

Dry core		Dry core special	
Feet	Meters	Feet	Meters
1	2	5	6

¹Replace "y" with: