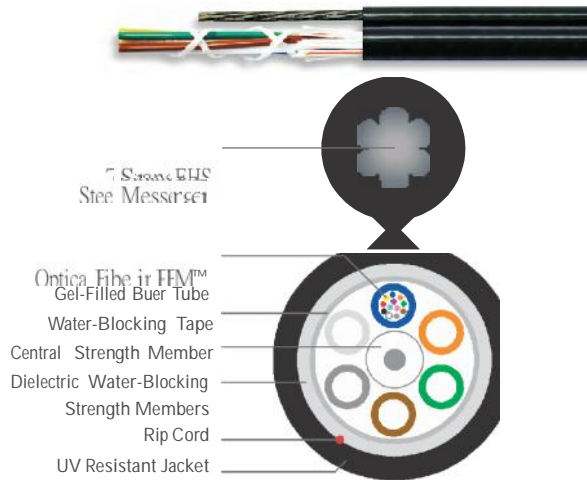


LOOSE TUBE SINGLE JACKET SELF SUPPORT

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 rugged 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 120-fiber
- Multiple fiber types including hybrids
- 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 120-fiber

Standards Compliance Telcordia GR-20-CORE
RDUP PE-90 Designation MLT-8
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	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)
111006xxM1	6	0.41 (10.3)	0.89 (23.0)	208 (310)	600 (2,700)	200 (890)	6,650	8.2 (206)	4.1 (103)
111012xxM1	12	0.41 (10.3)	0.89 (23.0)	208 (310)	600 (2,700)	200 (890)	6,650	8.2 (206)	4.1 (103)
111024xxM1	24	0.41 (10.3)	0.89 (23.0)	208 (310)	600 (2,700)	200 (890)	6,650	8.2 (206)	4.1 (103)
111036xxM1	36	0.41 (10.3)	0.89 (23.0)	208 (310)	600 (2,700)	200 (890)	6,650	8.2 (206)	4.1 (103)
111048xxM1	48	0.41 (10.3)	0.89 (23.0)	208 (310)	600 (2,700)	200 (890)	6,650	8.2 (206)	4.1 (103)
111072xxM1	72	0.43 (11.0)	0.93 (24.0)	224 (333)	600 (2,700)	200 (890)	6,650	8.6 (220)	4.3 (110)
111096xxM1	96	0.50 (12.7)	1.01 (26.0)	245 (365)	600 (2,700)	200 (890)	6,650	10.0 (254)	5.0 (127)
111120xxM1	120	0.57 (14.4)	1.15 (29.0)	300 (446)	600 (2,700)	200 (890)	6,650	11.4 (288)	5.7 (144)

Part Number Key

1	1	-	-	-	x	x	M	-
1	2	3	4	5	6	7	8	9
Product family	Fiber count (006-120)	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	NZDS
'For ≤ 36 fibers replace "xx" with:	9T	3T	2T	KT	JT	LT	8T
'For > 36 fibers replace "xx" with:	91	31	21	K1	J1	L1	81

Multimode Optical Fiber Types

TeraGain

'Replace "xx" with:

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