Features and Benefits

- 200/500 MHz * km (increased bandwidth for higher data rates).
- Dry core design (No messy gel).
- Fiber counts up to 288.
- Easy fiber access for installation.
- Color coded buffer tubes and fibers.
- Color coded buffer tubes and fibers.
- Superior temperature performance.
- Meets qualifications of Bellcore GR-20-CORE.
- Designed in compliance with REA/RUS PE-90 Requirements.
- Custom designs available.
- Temperature Range
  Storage: -45°C to +75°C
  Operating: -40°C to +70°C

Applications

- Long Haul Networking
- Building Interconnections (Campus LAN)
- Trunking
- Local Loop
- Feeder
- Distant Learning
- Distribution

Stranded Design (Duct & Armored)

ALCOA

Stranded loose tube cables act as the backbone for most of today's fiber based systems. They are the link to the office and ultimately to the desk. With the ever expanding need for bandwidth through the growth of technology such as internet applications, cellular communications, high speed modems and ISDN, fiber optics play a critical role in any high speed network.

AFL's stranded loose tube fiber optic cables are designed to provide high fiber counts with the flexibility and versatility required for today's most demanding installations. Industry standard designs combined with innovative technologies, such as a dry core product, yield a world class cable that will support today's and tomorrow's technological needs.

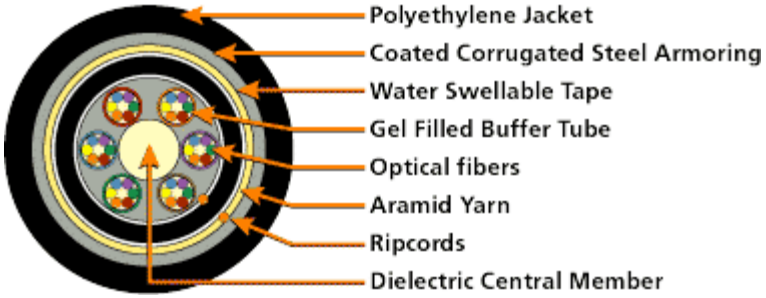
Installations

- Duct (Pulled and Blown)

- Direct Buried

- Lashed to Aerial Messenger

SPECIFICATIONS



ORDERING INFORMATION

PART #	FIBER COUNT	# OF TUBES WITH FIBER	NOMINAL DIA.	NOMINAL WT.	MAXIMUM TENSILE LOAD		MINIMUM BEND RADIUS	
			inches	lbs/1000 ft.	lbs (N)		inches (cm)	
			(mm)	(kg/km)	Short Term	Long Term	Short Term	Long Term
LE006*66111S1	6	1w/6	0.57	121	600	200	11.4	5.7
		(5 fillers)	(14.4)	(180)	(2,700)	(890)	(28.8)	(14.4)
LE012*66111S1	12	2w/6	0.57	121	600	200	11.4	5.7
		(4 fillers)	(14.4)	(180)	(2,700)	(890)	(28.8)	(14.4)
LE018*66111S1	18	3w/6	0.57	121	600	200	11.4	5.7
		(3 fillers)	(14.4)	(180)	(2,700)	(890)	(28.8)	(14.4)
LE024*66111S1	24	4w/6	0.57	121	600	200	11.4	5.7
		(2 fillers)	(14.4)	(180)	(2,700)	(890)	(28.8)	(14.4)
LE030*66111S1	30	5w/6	0.57	121	600	200	11.4	5.7
		(1 filler)	(14.4)	(180)	(2,700)	(890)	(28.8)	(14.4)
LE036*66111S1	36	6w/6	0.57	121	600	200	11.4	5.7
		(No fillers)	(14.4)	(180)	(2,700)	(890)	(28.8)	(14.4)
LE048*C5111S1	48	4w/12	0.64	148	600	200	12.8	6.4
		(1 filler)	(16.2)	(220)	(2,700)	(890)	(34.2)	(16.2)
LE060*C5111S1	60	5w/12	0.64	148	600	200	12.8	6.4
		(No fillers)	(16.2)	(220)	(2,700)	(890)	(34.2)	(16.2)
LE072*C6111S1	72	6w/12	0.67	168	600	200	13.4	6.7
		(No fillers)	(17.1)	(250)	(2,700)	(890)	(34.2)	(17.1)
LE084*C8111S1	84	7w/12	0.76	205	600	200	15.2	7.6
		(1 filler)	(19.3)	(305)	(2,700)	(890)	(38.6)	(19.3)
LE096*C8111S1	96	8w/12	0.76	205	600	200	15.2	7.6
		(No fillers)	(19.3)	(305)	(2,700)	(890)	(38.6)	(19.3)
LE108*CA111S1	108	9w/12	0.84	245	600	200	16.8	8.4
		(1 filler)	(21.3)	(365)	(2,700)	(890)	(42.6)	(21.3)
LE120*CA111S1	120	10w/12	0.84	245	600	200	16.8	8.4
		(No fillers)	(21.3)	(365)	(2,700)	(890)	(42.6)	(21.3)
LE132*CC111S1	132	11w/12	0.92	292	600	200	18.4	9.2
		(1 filler)	(23.3)	(435)	(2,700)	(890)	(46.6)	(23.3)
LE144*CC111S1	144	12w/12	0.92	292	600	200	18.4	9.2
		(No fillers)	(23.3)	(435)	(2,700)	(890)	(46.6)	(23.3)
LE216*CI111S1	216	18w/12	0.93	299	600	200	18.6	9.3
		(No fillers)	(23.5)	(445)	(2,700)	(890)	(47.0)	(23.5)
LE288*CO111S1	288	24w/12	1.05	383	600	200	21.0	10.5
		(No fillers)	(26.7)	(570)	(2,700)	(890)	(53.4)	(26.7)

* Fiber Type
5 = 50/125/250um multimode
6 = 62.5/125/250um multimode
9 = 9/125/250um single-mode
Contact the factory for special fiber types/performance

Note: Diameter and weight subject to change without notice

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