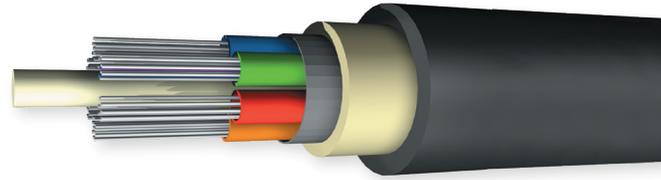


LE Gel-Free Non-Armored Loose Tube

AFL LE-Series Gel-Free Non-Armored fiber optic cables incorporate dry water-absorption technology within the fiber-containing buffer tubes.



Features

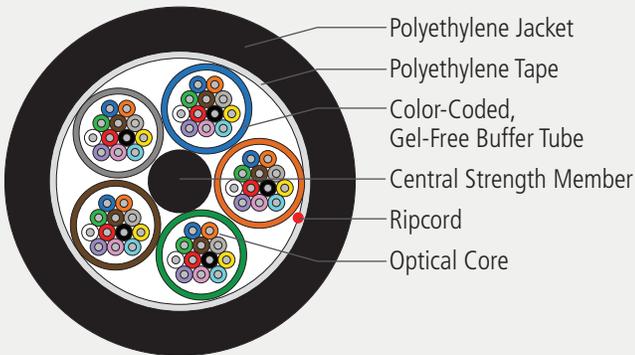
- Fiber counts from 12 to 288
- Gel-free buffer tubes reduce fiber prep termination time
- UV-stabilized outer jacket for long-term performance in aerial applications
- Easy to prep

Applications

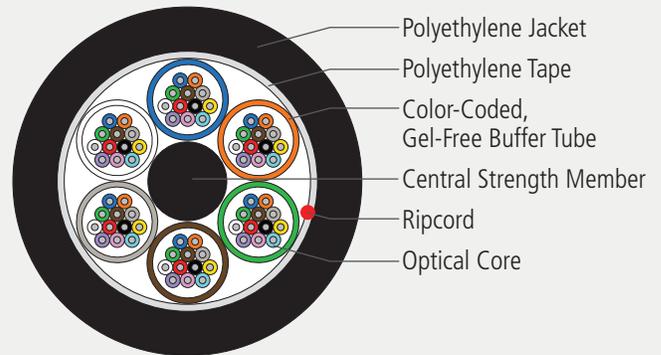
- Distribution
- Direct bury
- Underground duct
- Long Haul networking
- Building Interconnections (Campus LAN)
- Local Loop
- Lashed Aerial

Cable Components

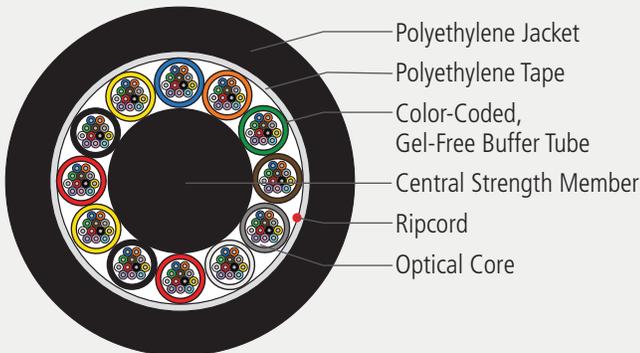
Non-Armored Loose Tube Cable with 5-unit Fiber Optic Core



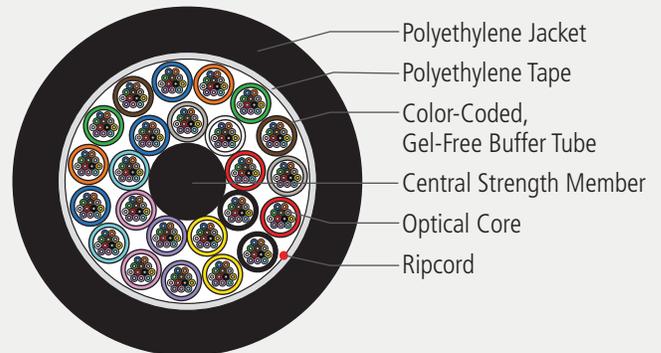
Non-Armored Loose Tube Cable with 6-unit Fiber Optic Core



Non-Armored Loose Tube Cable with 12-unit Fiber Optic Core



Non-Armored Loose Tube Cable with 24-unit Fiber Optic Core



continued
→

LE Gel-Free Non-Armored Loose Tube

Fiber Specifications

Fiber Type	Maximum Attenuation (dB/km)		Gigabit Ethernet Minimum Link Distance (meters)
	1310 nm	1550 nm	1300 nm
Single-mode G652D	0.35	0.25	5000

Typical Lengths

Maximum Lengths*		
Fiber Count	Single-Mode	
	Feet	Meters
12-288	20,000	6096

Mechanical Data - Non Armored Loose Tube G652D

AFL No.	Description	Fiber Count	Nominal Cable OD	Nominal Weight	Maximum Tensile Load	
			Inches (mm)	lbs/kft (kg/km)	Short Term Lbs (N)	Long Term Lbs (N)
LE012XXX101N1D	GEL FREE NON ARMORED,AFL-STD, 12,SM, Fiber G652.D Compliant	12	0.41 (10.5)	52 (77)	600 (2,700)	180 (800)
LE024XXX101N1D	GEL FREE NON ARMORED,AFL-STD, 24,SM,Fiber G652.D Compliant	24	0.41 (10.5)	52 (77)	600 (2,700)	180 (800)
LE048XXX101N1D	GEL FREE NON ARMORED,AFL-STD, 48,SM, Fiber G652.D Compliant	48	0.41 (10.5)	52 (77)	600 (2,700)	180 (800)
LE072XXX101N1D	GEL FREE NON ARMORED,AFL-STD, 72,SM,Fiber G652.D Compliant	72	0.43 (11.0)	61 (91)	600 (2,700)	180 (800)
LE096XXX101N1D	GEL FREE NON ARMORED,AFL-STD, 96,SM, Fiber G652.D Compliant	96	0.50 (12.7)	79 (118)	600 (2,700)	180 (800)
LE144XXX101N1D	GEL FREE NON ARMORED,AFL-STD, 144,SM,Fiber G652.D Compliant	144	0.63 (16.0)	124 (185)	600 (2,700)	180 (800)
LE288XXX301N1D	GEL FREE NON ARMORED,AFL-STD, 288,SM,Fiber G652.D Compliant	288	0.74 (18.9)	161 (240)	600 (2,700)	180 (800)

NOTE: Diameter and weight subject to change without notice.

Minimum Bend Radius Inches (cm) / Short Term (Long Term): 20 x Cable OD (10 x Cable OD)

Qualifications

GOVERNING BODY	STANDARD CODE	COMPONENT
Telcordia	GR-20-CORE	Cable
ICEA	640	Cable
TIA	598-D	Fiber
ITU-T	G652D	Fiber

Temperature Specifications

TEMPERATURE RANGE	
Operation	-40°C to +70°C
Storage	-40°C to +75°C
Installation	-30°C to +70°C