

Industrial Loose Tube Cable, LSZH, OFCG-LS, Aluminum Interlock Armor

AFL's Industrial Loose Tube Cables are designed for high reliability in heavy industrial and harsh environment applications. Consisting of a formed metallic armor, the cable features superior crush resistance and a high degree of flexibility. Furthermore, the cable features a flame retardant LSZH jacket which is UV stabilized and highly resistant to chemicals commonly found in industrial environments. With an OFCG-LS listing, the cable is suitable for both indoor and outdoor industrial installations.

Temperature Range

Operating: -40C to +70C
 Storage: -60C to +50C
 Installation: -20C to +50C

Mechanical

PARAMETER	VALUE
Tensile	
Installation	2670 (600)
Operational	800 (180)

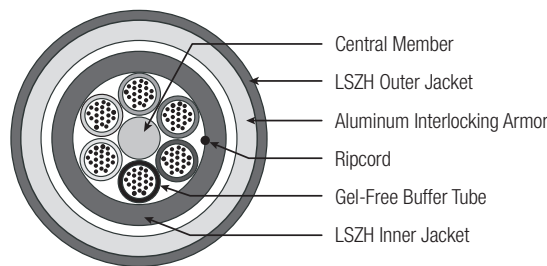
Features

- Eliminates need for conduit
- Simplified one-step installation
- Highly crush resistant
- Resistant to lubricating oil, gasoline, deionized water and many other chemicals
- Gel-free buffer tubes SZ stranded for quick easy access
- Available with bend insensitive SM and MM optical fiber
- Supports all multi-gigabit Ethernet standards

Specifications

- OFCG-LS, IEEE 1202 / FT4, UL1685
- ANSI/ICEA-S-104-696
- CSA 22.2 #230 and #232
- NFPA 130 / 502
- RoHS Compliant
- Sun light resistant
- Oil Res II compliant jacketing system

Cable Components



Ordering Information

AFL NO.	FIBER COUNT	# OF BUFFER TUBES / FIBERS PER TUBE	NOMINAL DIAMETER		NOMINAL WEIGHT		MINIMUM BEND RADIUS	
			INCHES	MM	LBS/1,000 FT	KG/KM	INSTALLATION (20XOD) IN/CM	OPERATION (10XOD) IN/CM
LL0 - - *C5111A1D	6 - 60	5 / 12	0.75	19.11	204	304	15/38	7.5/19.1
LL072 *C6111A1D	60-72	6 / 12	0.81	20.68	228	341	16.2/42	8.1/21
LL096 *C8111A1D	72-96	8 / 12	0.87	21.98	258	385	17.4/44	8.7/22
LL144 *CC111A1D	96 - 144	12 / 12	0.96	24.5	339	506	19.2/49	9.6/24.5
LL288 *CO311A1D	144 - 288	24 / 12	1.14	28.9	519	774	22.8/57.8	11.4/28.9

* Please specify fiber type when ordering (see below)

5 = 50/125 μm multimode GIGA-Link™ 600
 7 = 50/125 μm multimode GIGA-Link™ 2000
 6 = 62.5/125 μm multimode GIGA-Link™ 300
 8 = 62.5/125 μm multimode GIGA-Link™ 1000

9 = 9/125 μm single-mode
 L = 50/125 μm multimode Laser-Link 300 for 10 Gigabit Ethernet
 K = Single-mode Futureguide SR-15e Bend Insensitive