Uniflex® Indoor/Outdoor Loose Tube Cable

Single tube products allow for installations that require a high degree of flexibility combined with a small cable diameter. AFL has designed a cable that has all the characteristics of stranded loose tube cables from a mechanical and environmental standpoint, combined with the high flexibility and small diameter requirements of real world installations. This cable is the ultimate solution for flexible, connectorized applications, as well as crowded ducts in existing fiber applications, and can be lashed to an aerial messenger. Uniflex Indoor/Outdoor cable not only services the outside plant environment, but also qualifies as an Indoor/Outdoor cable, allowing potential cost savings with fewer splice points. Uniflex Indoor/Outdoor complies with EIA/TIA standards and is listed for OFNR use per UL standards.

Product Applications

- OFNR
- Service (Drop) Cables
- Building Interconnections (Campus LAN)
- Connectorized Trunking Cables
- Distance Learning
- Distribution
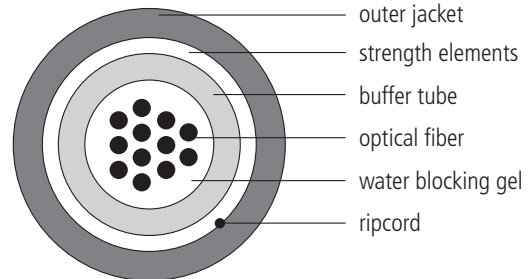- MSHA Approved for Mining Applications

Cable Components

- outer jacket
- strength elements
- buffer tube
- optical fiber
- water blocking gel
- ripcord

Temperature Range

Operating: -40ºC to +70ºC

Storage: -40ºC to +75ºC

Installation: -30ºC to +70ºC

Maximum Lengths

NOMINAL DIAMETER	REEL A (42 x 36 x 23)		REEL B (58 x 36 x 28)	
MM	FEET	METERS	FEET	METERS
8.4	16,400	4,995	27,500	8,400

Ordering Information

AFL NO.	FIBER COUNT	NOMINAL DIAMETER		NOMINAL WEIGHT		MAXIMUM TENSILE LOAD LBS (N)		MINIMUM BEND RADIUS INCHES (CM)	
		INCHES	(MM)	LBS/1000FT	(KG/KM)	SHORT TERM	LONG TERM	SHORT TERM	LONG TERM
LV002✱21100N1	2	0.33	(8.4)	50	(75)	600 (2670)	200 (890)	6.7 (17.0)	3.5 (9.0)
LV004✱41100N1	4								
LV006✱61100N1	6								
LV008✱81100N1	8								
LV010✱A1100N1	10								
LV012✱C1100N1	12								

Note: Diameter and weight subject to change without notice

✱ Fiber Types – Replace asterisk (✱) in AFL number with number corresponding to desired fiber type 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
L = 50/125 μm multimode Laser-Link™ 300
9 = Single-mode
Q = Non-zero dispersion-shifted single-mode
K = SM Futureguide SR-15e Bend Insensitive