

Product Applications

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

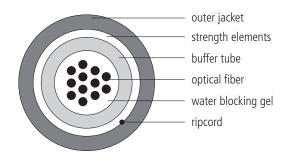
Temperature Range

Operating: -40°C to $+70^{\circ}\text{C}$ Storage: -40°C to $+75^{\circ}\text{C}$ Installation: -30°C to $+70^{\circ}\text{C}$

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.

Cable Components



Maximum Lengths

| NOMINAL DIAMETER | | EL A 6 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

| | | NOMINAL DIAMETER | | NOMINAL WEIGHT | | MAXIMUM TENSILE LOAD LBS (N) | | MINIMUM BEND RADIUS INCHES (CM) | |
|-----------------|-------------|---------------------|-------|-------------------|---------|---------------------------------|-----------|---------------------------------|-----------|
| | | | | | | | | | |
| AFL NO. | FIBER COUNT | 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.

- $5 = 50/125 \,\mu m$ multimode GIGA-LinkTM 600
- $7 = 50/125 \ \mu m \ multimode \ GIGA-Link^{TM} \ 2000$
- $6 = 62.5/125 \,\mu m$ multimode GIGA-LinkTM 300
- $8 = 62.5/125 \mu m \text{ multimode GIGA-Link}^{TM} 1000$
- $L = 50/125 \,\mu m$ multimode Laser-LinkTM 300
- 9 = Single-mode
- Q = Non-zero dispersion-shifted single-mode
- K = SM Futureguide SR-15e Bend Insensitive