Optical Connectivity
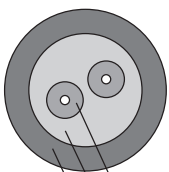
LC Uniboot Cable Assemblies

AFL's LC Uniboot cable assemblies offer a more compact design when compared to traditional duplex zipcord assemblies. These assemblies contain two LC connectors encased in a common housing with one boot, terminated on a single, round, two-fiber cable. Utilizing AFL's DUAL-Link 2.0 and 2.4 mm premise cable, LC Uniboot assemblies condense the cable management to half the space used by regular zipcord assemblies. AFL's LC Uniboot cable assemblies offer the best solution for high-density applications.

Cable Components

DUAL-Link

- tight buffered fiber (900μm buffer)
- aramid yarn
- outer jacket

Features

- LC duplex connector uses a single housing and single boot
- 2.0 and 2.4 mm DUAL-Link cable

Applications

- Private networks
- Data centers
- High density applications
- Interconnect and cross-connect
- Premise installations

Specifications

PARAMETER	VALUE
Insertion Loss (typical)	0.15 dB (SM/MM)
Return Loss (typical)	-55 dB (SM), -30 dB (MM)
Durability	500 cycles
Operating Temperature	0°C to +70°C
Ferrule	Zirconia

Ordering Information

2.0 mm Plenum DUAL-Link Cable Assemblies

FIBER TYPE	AFL NO.
Single-mode	CS011378-XXXX
Multimode 62.5/125 (OM1)	CS011381-XXXX
Multimode 50/125 (OM3)	CS010640-XXXX
Multimode 50/125 (OM4)	CS011386-XXXX

XXXX = Length (meters)
Example: 0010 = 10

2.4 mm Plenum DUAL-Link Cable Assemblies

FIBER TYPE	AFL NO.
Single-mode	CS011389-XXXX
Multimode 62.5/125 (OM1)	CS011394-XXXX
Multimode 50/125 (OM3)	CS011397-XXXX
Multimode 50/125 (OM4)	CS011400-XXXX

Qualifications

GOVERNING BODY	STANDARD CODE	COMPONENT
Telcordia	GR-326 GR-409	Connectors Cable
EIA/TIA	604-10A(FOCIS 10)	Connectors
RoHS		Cable

Contact AFL for further details.