

Zipcord, Dual-link and Micro-Dual Cable

Zipcord, DUAL-link and Micro-Dual cables provide links to the future for such protocols as FDDI, 10 Gigabit Ethernet, ATM, and Fibre Channel. AFL offers a broad selection of duplex cordage including Plenum, Riser and LSZH in multiple diameters. LSZH jacketed cables are OFNR listed. One design for global companies that don't want to maintain multiple cable types for varying global standards.

Features

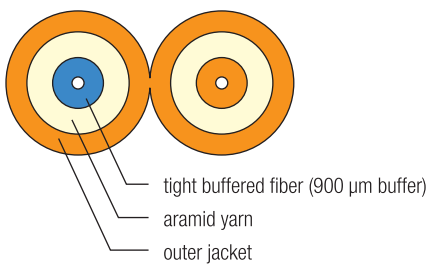
- Flexible, two-fiber design for ease of connections
- Print legend customization
- 12 standard Jacket colors available
- Tight Buffer strippability (easy strip option allows removal of up to 1 meter of 900 μ m material without stripping the fiber's 250 μ m coating)

Applications

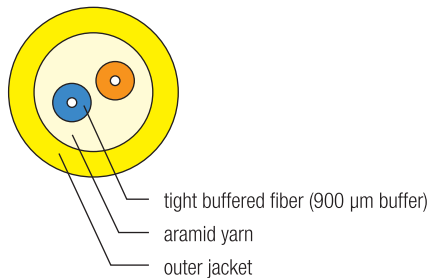
- Communications closet to wall outlet
- Wall outlet to desk
- Connectorized patchcords for interconnect and cross-connect applications
- Easy interface to ESCON[®], FDDI, and various other duplex connectors

Cable Components

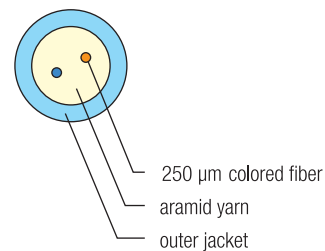
Zipcord



DUAL-Link



Micro-Dual



Fiber Specifications

CORE SIZE/FIBER TYPE	ISO/IEC	MAXIMUM ATTENUATION (dB/km)			OVERFILL LAUNCH MIN. BANDWIDTH (MHz•km)		EMB _c (MHz•km)	GIGABIT ETHERNET MAX. LINK DISTANCE (meters)		10 GIGABIT ETHERNET MAX. LINK DISTANCE (meters)	
		850 nm	1300 nm	1550 nm	850 nm	1300 nm		850 nm	1300 nm	850 nm	1300 nm
		(6) 62.5 Giga-Link™ 300	OM1	3.5	1.2	N/A		200	600	N/A	300
(5) 50 Giga-Link™ 600	OM2	3.5	1.5	N/A	500	500	N/A	600	600	82	—
(L) 50 Laser-Link 300	OM3	3.0	1.2	N/A	1,500	500	2,000	1,000	550	300	—
(C) 50 Laser-Link 550	OM4	3.0	1.2	N/A	3,500	500	4,700	1,040	550	550	—
(W) AFL Wideband Multimode	OM5	3.0	1.2	N/A	3,500	500	4,700	1,040	550	550	—
(9) Single-mode (ITU G.652.D/G.657.A1)	OS2	N/A	0.5	0.5	N/A	N/A	N/A	N/A	5,000	N/A	10,000

continued
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Mechanical Data

CABLE TYPE	AFL NO.			FIBER COUNT	NOMINAL DIAMETER inches (mm)	WEIGHT		TENSION		BENDING RADIUS	
	RISER	PLENUM	LSZH			RISER	PLENUM/LSZH	lbs (N)		inches (cm)	
						lbs/1000 ft (kg/km)	lbs/1000 ft (kg/km)	INSTALLATION	LONG TERM	INSTALLATION	LONG TERM
Zipcord	ZA002★301#01	ZP002★301#01	ZE002★301#0E	2	0.11 x 0.22 (2.9 x 6.0)	10 (15)	12 (18)	22 (100)	9 (40)	2.0 (5.0)	1.2 (3.0)
	ZR002★241#01	ZP002★241#01	ZE002★241#0E	2	0.09 x 0.19 (2.4 x 4.8)	7 (10)	9 (14)	22 (100)	9 (40)	2.0 (5.0)	1.2 (3.0)
	ZR002★201#01	ZP002★201#01	ZE002★201#0E	2	0.08 x 0.16 (2.0 x 4.0)	5 (8)	7 (10)	22 (100)	9 (40)	2.0 (5.0)	1.2 (3.0)
	ZR002★161#01	ZP002★161#01	ZE002★161#0E	2	0.06 x 0.12 (1.6 x 3.2)	4 (6)	7 (6)	22 (100)	9 (40)	2.0 (5.0)	1.2 (3.0)
Micro-Dual	DR002★201#0B	DP002★201#0B	DE002★201#0B	2	0.08 (2.0)	3 (5)	5 (7)	22 (100)	9 (40)	1.2 (3.0)	0.78 (2.0)
	—	DP002★161#0B	DE002★161#0B	2	0.06 (1.6)	—	2.7 (1.8)	22 (100)	9 (40)	0.9 (2.3)	0.6 (1.5)
DUAL-Link	DA002★481#01	DP002★481#01	DE002★481#0E	2	0.19 (4.8)	13 (20)	17 (20)	22 (100)	9 (40)	3.1 (7.2)	2.0 (7.2)
	DR002★281#01	DP002★281#01	DE002★281#0E	2	0.11 (2.8)	5 (7)	6 (9)	22 (100)	9 (40)	2.0 (5.0)	1.2 (3.0)
	DR002★241#01	DP002★241#01	DE002★241#0E	2	0.094 (2.4)	3 (5)	5 (7)	22 (100)	9 (40)	2.0 (5.0)	1.2 (3.0)

★ Fiber Types – Replace asterisk (★) in AFL number with number in the Fiber Specifications table on previous page.

Outer Jacket Color – Replace hashtag (#) in AFL number with number in the Cable Jacket Color table below.

Cable Jacket Color Options

1 - Blue	8 - Black
2 - Orange	9 - Yellow
3 - Green	A - Violet
4 - Brown	B - Rose
5 - Slate	C - Aqua
6 - White	K - Erika Violet (RAL 4003)
7 - Red	

Recommended Products

DESCRIPTION	AFL NO.
FASTConnect® Mechanical Connectors	Refer to spec sheet for AFL No.
FUSEConnect® Splice-on Connectors	Refer too spec sheet for AFL No.

Temperature Specifications

	PLENUM	RISER/LSZH
OPERATION	0°C to +70°C	-20°C to +70°C
STORAGE	-40°C to +75°C	-40°C to +75°C
INSTALLATION	0°C to +70°C	-10°C to +70°C

Qualifications

GOVERNING BODY	STANDARD CODE
IEC	61034-1
IEC	61034-2
IEC	60332-1-1
IEC	60332-1-2
IEC	60754-1
IEC	60754-2
Telcordia	GR-409-CORE
RoHS	Compliant to 2002/95/EC
EIA/TIA	568-133

Contact AFL for more details.