

Zipcord & Dual-link Cable

Zipcord and DUAL-link cables are available to provide links to the future for such protocols as FDDI, 10 Gigabit Ethernet, ATM, and Fibre Channel. Connections are easy to terminate with this flexible, two-fiber design. AFL Telecommunications offers the broadest selection of duplex cordage including Plenum, Riser and LSZH in all 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. Compliant with Directive 2002/95/EC (RoHS).

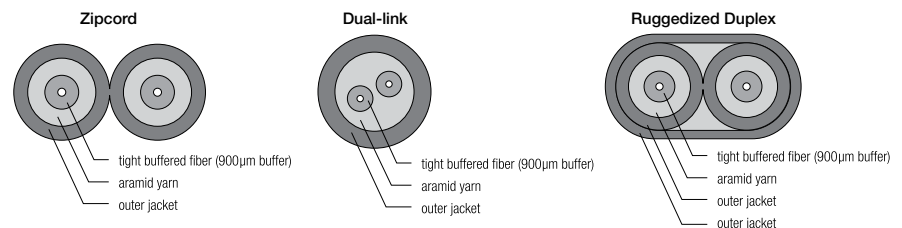
Applications

- 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

Features

- Print legend customization
- Jacket color (12 standard colors available)
- Tight Buffer strippability (easy strip option allows removal of up to 1 meter of 900µm material without stripping the fiber's 250µm coating)
- Ruggedized Duplex designs for transport from communications closet to wall outlet
- Tested to meet or exceed EIA/TIA 568-133 and Telcordia GR-409-CORE
- LSZH meets the requirements of IEC 61034-1, 61034-2, 60332-1-1, 60332-1-2, 60754-1, 60754-2
- Compliant to Directive 2002/95/EC (RoHS)

Cable Components



Mechanical Data

CABLE TYPE	PART #			FIBER COUNT	NOMINAL DIAMETER	WEIGHT		TENSION		BENDING RADIUS		TEMPERATURE RANGE		
	RISER	PLENUM	LSZH			INCHES (mm)	RISER	PLENUM	LBS (N)		INCHES (CM)		OPERATING/INSTALLATION	STORAGE
							LBS/1000FT (kg/km)	LBS/1000FT (kg/km)	INSTALLATION	LONG TERM	INSTALLATION	LONG TERM		
Zipcord	ZA002★301001	ZP002★301001	ZE002★30100E	2	0.11 x 0.22 (2.9 x 6.0)	10 (15)	12 (18)	239 (1063)	119 (529)	2.0 (5.0)	1.2 (3.0)	PLENUM: 0°C to +70°C RISER: -20°C to +70°C	-40°C to +75°C	
	ZR002★241001	ZP002★241001	ZE002★24100E	2	0.09 x 0.19 (2.4 x 4.8)	7 (10)	9 (14)	239 (1063)	119 (529)	2.0 (5.0)	1.2 (3.0)			
	ZR002★201001	ZP002★201001	ZE002★20100E	2	0.08 x 0.16 (2.0 x 4.0)	5 (8)	7 (10)	95 (423)	48 (213)	2.0 (5.0)	1.2 (3.0)			
	ZR002★161001	ZP002★161001	—	2	0.06 x 0.12 (1.6 x 3.2)	4 (6)	7 (6)	64 (285)	32 (142)	2.0 (5.0)	1.2 (3.0)			
DUAL-Link	DA002★481001	DP002★481001	DE002★48100E	2	0.19 (4.8)	13 (20)	17 (20)	214 (952)	107 (952)	3.1 (7.2)	2.0 (7.2)	PLENUM: 0°C to +70°C RISER: -20°C to +70°C	-40°C to +75°C	
	DR002★281001	DP002★281001	DE002★28100E	2	0.11 (2.8)	5 (7)	6 (9)	119 (529)	60 (267)	2.0 (5.0)	1.2 (3.0)			
	DR002★241001	DP002★241001	DE002★24100E	2	0.094 (2.4)	3 (5)	5 (7)	100 (445)	50 (222)	2.0 (5.0)	1.2 (3.0)			
Ruggedized Duplex	RR002★301001	RP002★241001	—	2	0.185 x 0.30 (4.7 x 7.6)	34 (50)	—	400 (1780)	200 (890)	2.8 (7.1)	1.9 (4.7)	PLENUM: 0°C to +70°C RISER: -20°C to +70°C	-40°C to +75°C	

★ Please specify fiber type when ordering (see below)

5 = 50/125µm multimode GIGA-Link™ 600

7 = 50/125µm multimode GIGA-Link™ 2000

6 = 62.5/125µm multimode GIGA-Link™ 300

8 = 62.5/125µm multimode GIGA-Link™ 1000

Contact Customer Service for special fiber types/performance needs

9 = 9/125µm single-mode

L = 50/125µm multimode Laser-Link 300 for 10 Gigabit Ethernet

K = Single-mode Futureguide SR-15e Bend Insensitive

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Specifications

CORE SIZE/ FIBER TYPE	MAXIMUM ATTENUATION (DB/KM)			OVERFILL LAUNCH MIN. BANDWIDTH (MHZ•KM)		EMB _c (MHZ•KM)	GIGABIT ETHERNET MIN. LINK DISTANCE (METERS)		10 GIGABIT ETHERNET MIN. LINK DISTANCE (METERS)	
	850NM	1300NM	1550NM	850NM	1300NM		850NM	1300NM	850NM	1300NM
(6) 62.5 Giga-Link™ 300	3.5	1.2	N/A	200	600	N/A	300	550	32	—
(8) 62.5 Giga-Link™ 1000	3.5	1.2	N/A	350	600	N/A	500	1000	65	—
(5) 50 Giga-Link™ 600	3.5	1.5	N/A	500	500	N/A	600	600	82	—
(7) 50 Giga-Link™ 2000	3.5	1.2	N/A	500	800	N/A	750	2000	110	—
(A) 50 Laser-Link 150	3.0	1.2	N/A	700	500	950	800	550	150	—
(L) 50 Laser-Link 300	3.0	1.2	N/A	1500	500	2000	1000	550	300	—
(C) 50 Laser-Link 550	3.0	1.2	N/A	4700	550	3500	1040	550	550	—
(K) SM Futureguide SR-15e Bend Insensitive (ITU G.657.A)	N/A	0.5	0.5	N/A	N/A	N/A	N/A	5000	N/A	10,000
(9) SM	N/A	0.5	0.5	N/A	N/A	N/A	N/A	5,000	N/A	10,000
(1) 100/140 Multimode	5.5	3.5	N/A	100	100	N/A	N/A	N/A	N/A	N/A

Tested to meet or exceed EIA/TIA 568-B3 / Telcordia GR-409-CORE

Maximum Cable Length - Reel Size

ITEM	FIBER BOX*	REEL A	REEL B	REEL C
Reel/Box Height (inches)	15.13	16	24	30
Reel/Box Outside Width (inches)	13.0	15	17	15.25
Drum Diameter (inches)	8.0	8	12	12
Reel Weight (lbs)	6.0	10	23	34
CAPACITY: Meters (Feet)				
Zipcord 1.6mm	—	4,500 (14,764)	—	—
Zipcord 2.0mm	—	2,850 (9,350)	5,000 (16,400)	—
Zipcord 2.4mm	—	2,000 (6,562)	5,000 (16,400)	—
Zipcord 3.0mm	914 (3,000)	1,250 (4,100)	4,000 (13,123)	5,000 (16,400)
DUAL-Link 2.4mm	—	4,000 (13,123)	5,000 (16,400)	—
DUAL-Link 2.8mm	—	2,500 (8,200)	5,000 (16,400)	—
DUAL-Link 4.8mm	305 (1,000)	900 (2,953)	3,200 (10,500)	4,500 (14,764)
Ruggedized Duplex	—	—	1,500 (4,921)	2,500 (8,200)

* Add suffix "-XMFBOX" to cable part number to specify "Fiber-In-A-Box" solution. "X" indicates length of cable in thousands of feet. Only available in standard lengths as indicated in chart above.

EXAMPLE: ZA0029301001-3MFBOX

Would be the resulting part number for 3,000 feet of ZA002*301001 cable with 9/125µm single-mode fiber and the Fiber-In-A-Box solution. Refer to Fiber-In-A-Box data at front of catalog.