Zipcord, Dual-link and Micro-Dual Cable

Mechanical Data

CABLE TYPE	AFL NO.			FIBER COUNT	NOMINAL DIAMETER	WEIGHT		TENSION		BENDING RADIUS	
						RISER	PLENUM	LBS (N)		INCHES (CM)	
	RISER	PLENUM	LSZH		INCHES (mm)	LBS/ 1000 FT (kg/km)	LBS/ 1000 FT (kg/km)	INSTALLA-TION	LONG TERM	INSTALLA-TION	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)	7 (30)	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)	7 (30)	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)	7 (30)	2.0 (5.0)	1.2 (3.0)
	ZR002✶161#01	ZP002✶161#01	—	2	0.06 x 0.12 (1.6 x 3.2)	4 (6)	7 (6)	22 (100)	7 (30)	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)	7 (30)	1.2 (3.0)	0.78 (2.0)
DUAL-Link	DA002✶481#01	DP002✶481#01	DE002✶481#0E	2	0.19 (4.8)	13 (20)	17 (20)	22 (100)	7 (30)	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)	7 (30)	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)	7 (30)	2.0 (5.0)	1.2 (3.0)
Ruggedized Duplex	RR002✶301#01	RP002✶241#01	—	2	0.185 x 0.30 (4.7 x 7.6)	34 (50)	—	22 (100)	7 (30)	2.8 (7.1)	1.9 (4.7)

✶ 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	

Temperature Specifications

TEMPERATURE RANGE		
	PLENUM	RISER
INSTALLATION	0ºC to +70ºC	-20ºC to +70ºC
OPERATING	0ºC to +70ºC	-20ºC to +70ºC
STORAGE	-40ºC to +75ºC	-40ºC to +75ºC

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 AFL 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 AFL number for 3,000 feet of ZA002*301001 cable with 9/125 µm single-mode fiber and the Fiber-In-A-Box solution. Refer to Fiber-In-A-Box data sheet.

STOCK ITEM

www.AFLglobal.com or (800) 235-3423

Product specifications and data are subject to change without notice. FOC last update 2/22/2026.