RIBBON-Link® Cable

RIBBON-Link cables combine high fiber density in a small diameter, flexible package. These cables can be terminated with 12 or 24 fiber multi-fiber connectors or the fibers can be fanned out and terminated individually. Plenum, Riser and LSZH options are all UL listed.
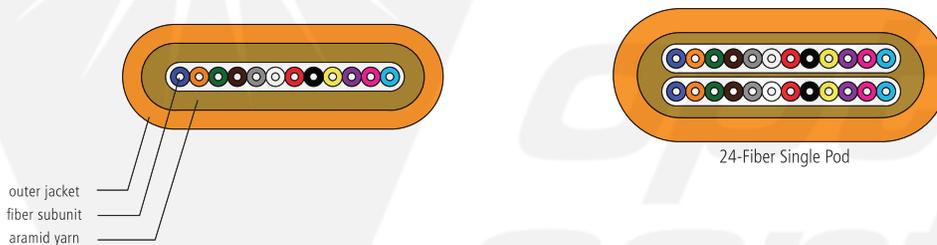
Features

- Easy interface to MT and MTP based connectors as well as today's newest ribbon connectors (12- or 24-fiber ferrules)
- Tested to meet or exceed EIA/TIA 568-A / GR-409-CORE
- Compliant to Directive 2002/95/EC (RoHS)

Applications

- Direct interface to computers with the use of "backplane" style fiber connectors
- High density interconnection to wall outlets or patch panels with ribbon connector interfaces
- "Micro-diameter" fanout cables utilizing standard industry fiber connectors (ST, SC, FC, LC, MT-RJ.)

Cable Components

outer jacket
fiber subunit
aramid yarn

24-Fiber Single Pod

Fiber Specifications

CORE SIZE/ FIBER TYPE	ISO/ IEC	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)	
		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	550	32	—
(5) 50 Giga-Link™ 600	OM2	3.5	1.5	N/A	500	500	N/A	600	600	82	—
(A) 50 Laser-Link 150	OM2	3.0	1.2	N/A	700	500	950	800	550	150	—
(L) 50 Laser-Link 300	OM3	3.0	1.2	N/A	1500	500	2000	1000	550	300	—
(C) 50 Laser-Link 550	OM4	3.0	1.2	N/A	3500	550	4700	1040	550	550	—
(9) Single-mode (ITU G.652.D and G.657.A2)	OS2	N/A	0.5	0.5	N/A	N/A	N/A	N/A	5000	N/A	10,000

* Other fiber types available

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Mechanical Data

CABLE TYPE	AFL NO.			FIBER COUNT	NOMINAL DIAMETER	WEIGHT	TENSION LBS (N)		BENDING RADIUS INCHES (CM)	
	PLENUM (PVC)	RISER	LSZH		INCHES (MM)	LBS/ 1000 FT (KG/KM)	INSTALLATION	LONG TERM	INSTALLATION	LONG TERM
RIBBON-Link (single pod)	WK004✷141#12	WR004✷141#12	WE004✷141#12	4	0.08 x 0.16 (2.1 x 4.0)	7.5 (11)	22 (100)	7 (30)	2.4 (6.0)	1.6 (4.0)
	WK006✷161#12	WR006✷161#12	WE006✷161#12	6	0.08 x 0.16 (2.1 x 4.0)	7.5 (11)	22 (100)	7 (30)	2.4 (6.0)	1.6 (4.0)
	WK008✷181#12	WR008✷181#12	WE008✷181#12	8	0.08 x 0.16 (2.1 x 4.0)	7.5 (11)	22 (100)	7 (30)	2.4 (6.0)	1.6 (4.0)
	WK012✷1C1#12	WR012✷1C1#12	WE012✷1C1#12	12	0.08 x 0.18 (2.1 x 4.6)	8 (12)	22 (100)	7 (30)	2.7 (6.9)	1.8 (4.6)
	WK024✷1D1#12	WR024✷1D1#12	WE024✷1D1#12	24	0.10 x 0.18 (2.5 x 4.6)	8.7 (13)	22 (100)	7 (30)	2.7 (6.9)	1.8 (4.6)

✷ 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 (0M1 and 0M2)	9 - Yellow (SM)
3 - Green	A - Violet
4 - Brown	B - Rose
5 - Slate	C - Aqua (0M3 and 0M4)
6 - White	K - Erika Violet (0M4)
7 - Red	L - Lime

Temperature Specifications

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