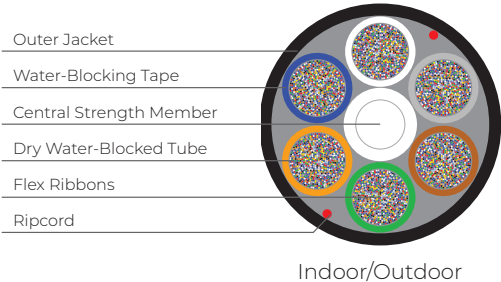
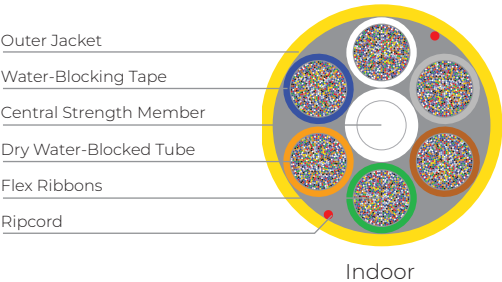


576 to 1728F MassLink™

Indoor & Indoor/Outdoor with FlexRibbon™

200µm Fibers, 16 Fiber Ribbons



OVERVIEW

MassLink™ with FlexRibbon™ Technology provides an ultracompact indoor and indoor/outdoor cable design that contains up to 1728 bend insensitive fibers. By using FlexRibbon technology, ribbons are rolled up and packed together in small diameter 144 or 288 fiber tubes. While FlexRibbon™ provides high packing density, these 200µm fiber ribbons still provide the advantages of mass fusion splicing.

FEATURES AND BENEFITS

Ultra Compact Design

- FlexRibbons™ are rolled up into compact 144 or 288 fiber sub units for easier routing
- Significantly smaller diameter and lighter weight cables allow for easier installation and the use of smaller ducts
- A 30% smaller diameter (52% volume reduction) over traditional indoor/outdoor ribbon designs

FlexRibbon Technology

- Extremely flexible ribbons can be rolled up for high packing densities or laid flat for ribbon splicing
- Fiber ribbons are compatible with mass fusion heat strippers, cleavers, and splice machines
- Uses standard 200 um coated bend-insensitive fiber (ITU G657.A1/A2)

Performance

- Tested in accordance with ICEA 596 and with relevant EIA/TIA-455 series FOTPs for fiber optic cables

Flame Retardant Construction

- Performance to UL1666 and UL1685 flame test to be determined

Registered Supplier

- ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

Performance Specifications				
Fiber Count	576-864		1152-1728	
Tensile Rating	N	lbf	N	lbf
Installation	1,320	297	1,320	297
Residual	396	89	396	89
Crush Resistance	N/cm	(lbf/in)	N/cm	(lbf/in)
	100 (57)		100 (57)	
Temperature Ratings	°C		°F	
Operation	-20 to +70		-4 to +158	
Installation	-10 to +60		+14 to +140	
Storage/Shipping	-40 to +70		-40 to +158	
Duct Size/% Fill				
	1" / 69%	1¼" / 55%	1¾" / 71%	

Performance data based on cable with 12f ribbons.
16f ribbon cable performance is expected to be similar, but may vary.



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INDOOR ONLY MassLink™ Indoor Only with FlexRibbon™

Fiber Count	Recommended Prysmian* Part Number	Number of Tubes	Ribbons per Tube	Fibers per Tube	Buffer Tube OD		Cable OD**		Approx. Cable Weight		Max. Reel Length	
					Inches	mm	Inches	mm	lb/kft	kg/km	feet	meters
576	RRLFK-16-AA-576-BB	4	9	144	0.19	4.7	0.69	17.5	166	247	33,047	10,073
864	RRLFK-16-AA-864-BB	6	9	144	0.19	4.7	0.69	17.5	166	247	33,047	10,073
1152	RRLFK-16-AA-1152-BB	4	18	288	0.28	7.2	0.87	22.0	255	379	18,000	5,500
1728	RRLFK-16-AA-1728-BB	6	18	288	0.28	7.2	0.87	22.0	255	379	18,000	5,500

INDOOR/OUTDOOR MassLink™ Indoor/Outdoor with FlexRibbon™

Fiber Count	Recommended Prysmian* Part Number	Number of Tubes	Ribbons per Tube	Fibers per Tube	Buffer Tube OD		Cable OD**		Approx. Cable Weight		Max. Reel Length	
					Inches	mm	Inches	mm	lb/kft	kg/km	feet	meters
576	RRIOLFK-16-AA-576-BB	4	9	144	0.19	4.7	0.69	17.5	166	247	33,047	10,073
864	RRIOLFK-16-AA-864-BB	6	9	144	0.19	4.7	0.69	17.5	166	247	33,047	10,073
1152	RRIOLFK-16-AA-1152-BB	4	18	288	0.28	7.2	0.87	22.0	255	379	18,000	5,500
1728	RRIOLFK-16-AA-1728-BB	6	18	288	0.28	7.2	0.87	22.0	255	379	18,000	5,500

*Where AA equals glass type and BB equals attenuation code

** Cable ODs are Nominal Values



576 to 1728F MassLink™

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200µm Fibers, 16 Fiber Ribbons



RIBBON COLOR CODE			
Ribbon #	Marking	Ribbon #	Marking
1		13	■ ■
2		14	■ ■
3		15	■ ■ ■
4		16	■ ■ ■
5	■	17	■ ■ ■
6	■	18	■ ■ ■
7	■	19	■ ■ ■
8	■	20	■ ■ ■ ■
9	■	21	■ ■ ■ ■
10	■ ■	22	■ ■ ■ ■
11	■ ■	23	■ ■ ■ ■
12	■ ■	24	■ ■ ■ ■

CABLE BENDING		
Fiber Count	576-864	1152-1728
Minimum Bend Diameter (Diameter = Radius x 2)		
Installation: Wheel/Capstan	28in (70cm)	35in (89cm)
Long Term: Coil/Slack/Bend	15in (37cm)	19in (47cm)
Minimum Bend Diameter (Diameter = Radius x 2)		
Installation: Wheel/Capstan Diameter	40 x Cable OD	
Long Term: Coil/Slack/Bend Diameter	20 x Cable OD	

Ordering Guide

The Prysmian part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below

Example: 1728 count all-dielectric MassLink with FlexRibbon Technology with G657.A2 bend insensitive fiber (printed in feet)

1	LENGTH MARKINGS	2	PRODUCT FAMILY	3	FIBER GROUPING	4	FIBER TYPE	5	FIBER COUNT
	F		RRLFK		16		22		1728

PART NUMBER CONSTRUCTION

1 LENGTH MARKINGS

F = Feet or M = Meters

2 PRODUCT FAMILY & CONSTRUCTION

RRLFK = MassLink Indoor Only FlexRibbon (Yellow Jacket)

RRIOLEK = MassLink I/O FlexRibbon (Black Jacket)

3 FIBER GROUPING

16 = 16f per ribbon

FIBER INFORMATION

4 FIBER TYPE

SINGLE-MODE

22 = 200µm Bend-Insensitive Single-Mode (ITU G.657.A2 & G.652.D)

5 FIBER COUNT

576 to 1728 fibers

