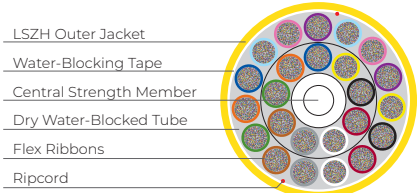
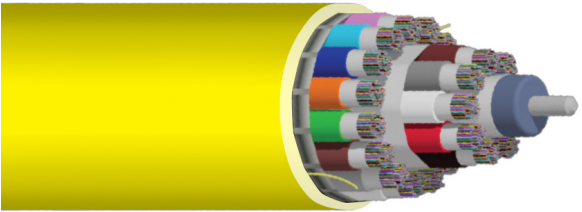


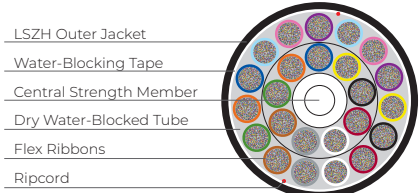
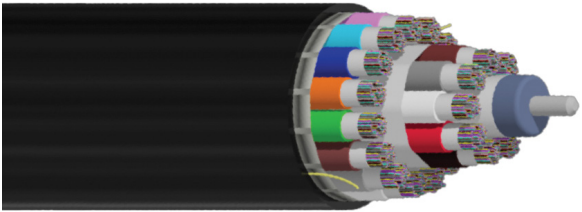
MassLink™ 2880 to 3456f Indoor and Indoor/Outdoor Cable with 200µm FlexRibbon® Technology



High Density Flexible Ribbon Cable for Indoor and Indoor/Outdoor Applications



Indoor



Indoor/Outdoor

OVERVIEW

MassLink™ cable with 200µm FlexRibbon® Technology packs up to 3,456 fibers into a remarkably compact and user-friendly design. This design can be used both outdoors and indoors for a wide range of listing requirements. FlexRibbon fiber can be tightly packed and efficiently spliced via mass-fusion. Each 144 fiber sub-unit is uniquely color-coded for easy fiber sorting.

FEATURES AND BENEFITS

Ultra-Compact Design

- FlexRibbon fibers are rolled up into compact 144F sub-units
- Significantly smaller, lighter cables are easier to transport, store and install
- Maximizes duct utilization

Flame Ratings

- OFNR-LS/FT4 (ST1) listed - both 2880f and 3456f
- CPR B2ca-s1b, d2, a1 listed - 3456f only
- Eliminates the need for a transition splice at building entrances
- Applicable for a wide range of North American and European installations

Central Strength Member

- No rigid rods embedded in the jacket
- Cable is more flexible and will bend in any direction
- Improved damage resistance and simplified handling during placement

Color-Coded 144F Sub-Units

- Fibers remain protected and organized after jacket removal
- Ribbons/Fibers are easily sorted for splice trays of various sizes
- Facilitates rapid deployment to splice trays via braided loom

FlexRibbon Technology

- FlexRibbons conform to irregularly-shaped spaces without stress or damage
- Fibers can be mass-fusion spliced
- Each 12- or 16-fiber ribbon is individually numbered with a barcode (see page 2)

Registered Supplier

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

PERFORMANCE SPECIFICATIONS		
Tensile Rating	N	lbf
Installation	2700	600
Residual	800	180
Crush Resistance	N/cm	lbf/in
Short/ Long Term	220/110	125/63
Temperature Ratings	°C	°F
Operation	-20 to +70	-2 to +158
Installation	-20 to +60	-2 to +140
Storage/Shipping	-40 to +70	-40 to +158

CABLE BENDING	
Fiber Count	2880 to 3456
Minimum Bend Diameter (Diameter = Radius x 2)	
Installation: Wheel/Capstan	54 in (136 cm)
Long Term: Coil/Slack/Bend	27 in (68 cm)
Minimum Bend Radius (Diameter = Radius x 2)	
Installation: Wheel/Capstan	20 x Cable OD
Long Term: Coil/Slack/Bend	10 x Cable OD
Duct Size / % Fill	2" / 67%



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RIBBON COLOR CODE	
Ribbon #	Marking
1	
2	
3	
4	
5	■
6	■
7	■
8	■
9	■
10	■ ■
11	■ ■
12	■ ■

Fiber Count Range	Recommended Prysmian Part Number	# of Populated Tubes	# of Ribbons/Tube	# of Fibers/Tube	Buffer Tube OD		Cable OD		Approx. Cable Weight		Max. Reel Length	
					Inches	mm	Inches	mm	lb/kft	kg/km	feet	meters
2880	RRZIOLFK-12-2X-2880-EA	20	12	144	0.19	4.7	1.34	34.0	626	933	15,000	4,572
2880	RRZIOLFK-16-2X-2880-EA	20	9	144								
3456	RRZIOLFK-12-2X-3456-EA	24	12	144								
3456	RRZIOLFK-16-2X-3456-EA	24	9	144								

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: 3456 count MassLink I/O with FlexRibbon 200 Technology with BBXS fiber (printed in feet)

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 FIBER GROUPING	4 FIBER TYPE	5 FIBER COUNT	6 ATTENUATION
F	RRZIOLFK	16	2X	3456	EA

PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS
F = Feet, M = Meters or C = Custom	
2	PRODUCT FAMILY & CONSTRUCTION
RRZIOLFK = MassLink Indoor/Outdoor Riser FlexRibbon (Black Jacket)	
3	FIBER GROUPING
12 = 12f per ribbon	
16 = 16f per ribbon	

Notes: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

FIBER INFORMATION	
4	FIBER TYPE
SINGLE-MODE	
2X = BBXS200 Bend-Insensitive 200µm Single-Mode (ITU G.657.A2 & G.652.D)	
5	FIBER COUNT
2880 to 3456 fibers	
6	ATTENUATION
EA = 0.5/0.5/0.5dB/km @ 1310/1383/1550 nm	
E7 = 0.4/0.4/0.3 dB/km @ 1310/1383/1550 nm	

