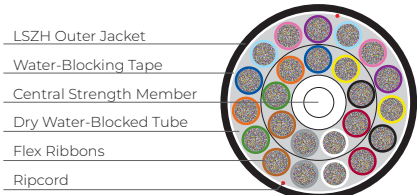
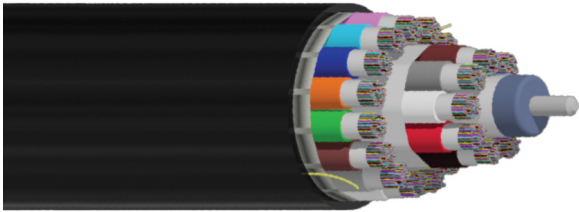


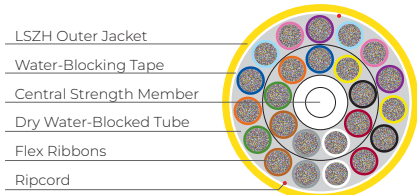
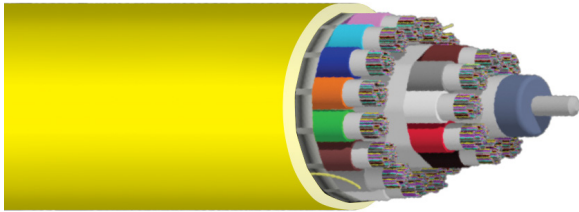
2880 to 3456 MassLink™ Riser & LSZH, Indoor & Indoor/Outdoor Cable with 200µm FlexRibbon® Technology



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



Indoor/Outdoor



Indoor

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 Cca-s1b, d2, a1 listed - 2880f only
- 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	Ribbon #	Marking
1		7	■
2		8	■
3		9	■
4		10	■ ■
5	■	11	■ ■
6	■	12	■ ■

Indoor/Outdoor (Black Jacket)

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	RRZIOLFBK-12-2X-2880-AA	20	12	144	0.19	4.7	1.34	34.0	626	933	15,000	4,572
2880	RRZIOLFBK-16-2X-2880-AA	20	9	144								
3456	RRZIOLFBK-12-2X-3456-AA	24	12	144								
3456	RRZIOLFBK-16-2X-3456-AA	24	9	144								

Indoor (Yellow Jacket)

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	RRZLFBK-12-2X-2880-AA	20	12	144	0.19	4.7	1.34	34.0	626	933	15,000	4,572
2880	RRZLFBK-16-2X-2880-AA	20	9	144								
3456	RRZLFBK-12-2X-3456-AA	24	12	144								
3456	RRZLFBK-16-2X-3456-AA	24	9	144								

NOTE: Where AA equals attenuation code.

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		RRZIOLFBK		16		2X		3456		EA

PART NUMBER CONSTRUCTION

1	LENGTH MARKINGS
	F = Feet, M = Meters or C = Custom
2	PRODUCT FAMILY & CONSTRUCTION
	RRZIOLFBK = MassLink Indoor/Outdoor Riser FlexRibbon (Black Jacket)
	RRZLFBK = MassLink Indoor Riser FlexRibbon (Yellow 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

