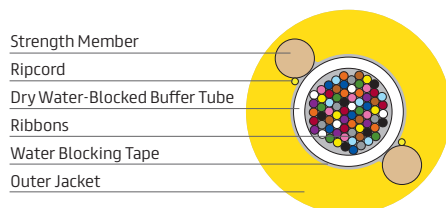


144F FusionLink™ RICT Indoor Riser with 12 fibers per FlexRibbon® 200 µm Fibers

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OVERVIEW

FusionLink™ RICT with FlexRibbon™ Technology provides an ultracompact indoor cable design that contains 144 bend insensitive fibers. By using FlexRibbon technology, ribbons are rolled up and packed together in a small diameter central tube. While FlexRibbon™ provides high packing density, these 200 µm fiber ribbons still provide the advantages of mass fusion splicing.

FEATURES AND BENEFITS

Ultra Compact Design

- FlexRibbons™ are rolled up into compact central tube designs
- Significantly smaller diameter and lighter weight cables allow for easier installation and the use of smaller ducts

FlexRibbon Technology

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

Performance

- Uses full dry water blocking technology in the tube and cable core for easy closure preparation and termination
- Tested in accordance with ICEA 696 and with relevant EIA/TIA-455 series FOTPs for fiber optic cables

Flame Retardant Construction

- Riser designs comply with UL 1666 and is OFNR and OFNG-FT4 rated

Registered Supplier

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

PERFORMANCE SPECIFICATIONS

Fiber Count	144	
Tensile Rating	N	lbf
Installation	2,700	600
Residual	800	180
Crush Resistance	N/cm	lbf/in
Short/ long Term	220/80	
Temperature Ratings	°C	°F
Operation	-30 to +70	-22 to +158
Installation	-10 to +60	+14 to +140
Storage/Shipping	-40 to +70	-40 to +158
Duct Size/% Fill	1" / 62%	

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TLS-DS-B-215-0124

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

CABLE BENDING	
Fiber Count	144
Minimum Bend Diameter (Diameter = Radius x 2)	
Installation: Wheel/Capstan	25in (63cm)
Long Term: Coil/Slack/Bend	13in (33cm)
Minimum Bend Radius (Diameter = Radius x 2)	
Installation: Wheel/Capstan	20 x Cable OD
Long Term: Coil/Slack/Bend	10 x Cable OD

Fiber Count	Fibers per Ribbon	Recommended Prysmian** Part Number	Number of Ribbons	Buffer Tube OD		Cable OD		Approx. Cable Weight		Max. Reel Length	
				Inches	mm	Inches	mm	lb/kft	kg/km	feet	meters

FusionLink™ Indoor Only with FlexRibbon™ | OFNR/FT4

144	12	RRCFK-12-AA-144-BB	12	0.35	8.8	0.62	15.8	144	214	40,354	12,300
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**Where AA equals glass type and BB equals attenuation code

Ordering Guide

The Prysmian Group 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: 144 count Indoor Riser FusionLink RICT 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		RRCFK		12		2X		144	

PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS
F = Feet or M = Meters	
2	PRODUCT FAMILY & CONSTRUCTION
RRCFK = FusionLink Indoor Only Riser FlexRibbon (Yellow Jacket)	
3	FIBER GROUPING
12 = 12f per Ribbon	

FIBER INFORMATION	
4	FIBER TYPE
SINGLE-MODE	
2X = BBXS 200µm Bend Insensitive Single-Mode (ITU G.657.A2 & G652.D)	
5	FIBER COUNT
144 fibers	

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