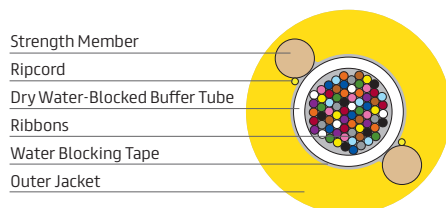


# 144F FusionLink™ RICT Indoor Riser with 16 fibers per FlexRibbon® 200 µm Fibers

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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
- 16 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-216-0124

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RIBBON COLOR CODE			
Ribbon #	Marking	Ribbon #	Marking
1		13	■ ■ ■ ■
2		14	■ ■ ■ ■ ■
3		15	■ ■ ■ ■ ■ ■
4		16	■ ■ ■ ■ ■ ■ ■
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	16	RRCFK-16-AA-144-BB	9	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		16		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
16 = 16f per Ribbon	

FIBER INFORMATION	
4	FIBER TYPE
SINGLE-MODE	
2X = BBXS 200µm Bend Insensitive Single-Mode (ITU G.657.A2 & G.652.D)	
5	FIBER COUNT
144 fibers	

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