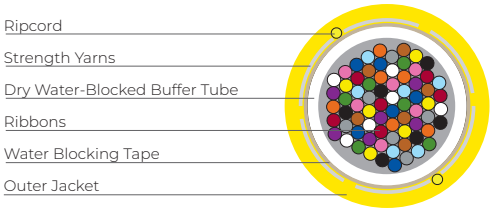
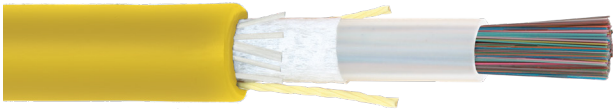


288f FusionLink™ RICT Indoor Plenum with 16 fibers per FlexRibbon™ 200µm Fibers



OVERVIEW

FusionLink™ RICT with FlexRibbon™ Technology provides an ultracompact indoor cable design that contains 288 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 um coated bend-insensitive fiber (ITU G657.A2)

Performance

- Uses full dry water blocking technology in the tube and cable core for easy closure preparation and termination
- Tested in accordance with ICEA-596 and with relevant EIA/TIA-455 series FOTPs for fiber optic cables

Flame Retardant Construction

- NFPA-262/CSA FT6 OFNP Plenum

Registered Supplier

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

PERFORMANCE SPECIFICATIONS

Fiber Count	288	
Tensile Rating	N	lbf
Installation	1,320	297
Residual	396	89
Crush Resistance	N/cm	lbf/in
Short/ long Term	100/36	9/3
Temperature Ratings	°C	°F
Operation	0 to +70	+32 to +158
Installation	0 to +60	+32 to +140
Storage/Shipping	-40 to +70	-40 to +158
Duct Size/% Fill	14mm / 79%	



288f FusionLink™ RICT Indoor Plenum with 16 fibers per FlexRibbon™ 200µm Fibers



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

CABLE BENDING	
Fiber Count	288
Minimum Bend Diameter (Diameter = Radius x 2)	
Installation: Wheel/Capstan	17in (44cm)
Long Term: Coil/Slack/Bend	9in (23cm)
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™ | OFNP/FT6

288	16	RPCFBKMD-16-AA-288-BB	18	0.29	7.3	0.43	10.8	143	96	26,246	8,000
-----	----	-----------------------	----	------	-----	------	------	-----	----	--------	-------

**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: 288 count Indoor Plenum 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	RPCFBKMD	16	2X	288

PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS
F = Feet or M = Meters	
2	PRODUCT FAMILY & CONSTRUCTION
RPCFBKMD = FusionLink Indoor Only Plenum 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 & G652.D)	
5	FIBER COUNT
288 fibers	



Prysmian
4 Tessenere Drive, Highland Heights, KY 41076
na.prysmian.com
TLS-DS-B-227-0425