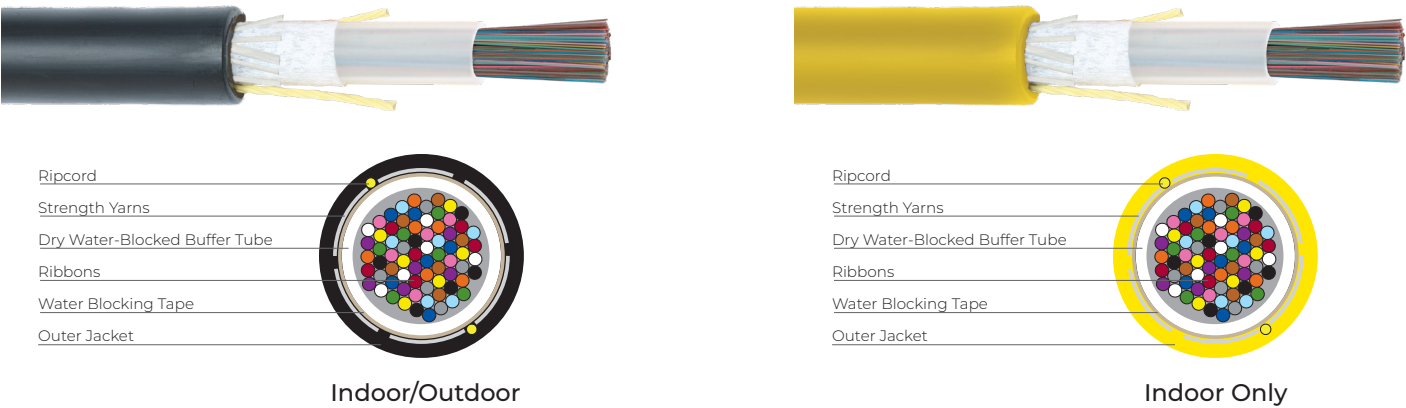


# 288 MicroFlex™ RICT

## Indoor/Outdoor Riser with FlexRibbon®

200µm fibers, for use in microducts





OVERVIEW

MicroFlex RICT with FlexRibbon® Technology provides an ultracompact indoor/outdoor cable design that contains up to 288 bend insensitive fibers. By using FlexRibbon technology, ribbons are rolled up and packed together in a small diameter MicroFlex central tube. While FlexRibbon provides high packing density, these 200µm fiber ribbons still provide the advantages of mass fusion splicing.

FEATURES AND BENEFITS

Ultra Compact MicroFlex 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.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 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	288	
Tensile Rating	N	lbf
Installation	2,700	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	-4 to +158
Installation	-10 to +60	+14 to +140
Storage/Shipping	-40 to +70	-40 to +158
Duct Size/% Fill	13mm / 77%	

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RIBBON COLOR CODE			
Ribbon #	Marking	Ribbon #	Marking
1		13	■ ■ ■
2		14	■ ■ ■ ■
3		15	■ ■ ■ ■
4		16	■ ■ ■ ■
5	■	17	■ ■ ■ ■
6	■	18	■ ■ ■ ■
7	■	19	■ ■ ■ ■
8	■	20	■ ■ ■ ■
9	■	21	■ ■ ■ ■
10	■ ■	22	■ ■ ■ ■
11	■ ■	23	■ ■ ■ ■
12	■ ■	24	■ ■ ■ ■

CABLE BENDING	
Fiber Count	288
Minimum Bend Diameter (Diameter = Radius x 2)	
Installation: Wheel/Capstan	16in (40cm)
Long Term: Coil/Slack/Bend	8in (21cm)
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	Recommended Prysmian** Part Number	Number of Ribbons	Fibers per Tube	Buffer Tube OD		Cable OD		Approx. Cable Weight		Max. Reel Length	
				Inches	mm	Inches	mm	lb/kft	kg/km	feet	meters

### INDOOR/OUTDOOR OFNR/FT4

288	RRIOCFKMD-12-AA-288-BB	24	288	0.25	6.4	0.40	10.1	75	112	15,000	4,572
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### INDOOR ONLY OFNR/FT4

288	RRCFKMD-12-AA-288-BB	24	288	0.25	6.4	0.40	10.1	75	112	15,000	4,572
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\*\*Where AA equals glass type and BB 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:** MicroFlex 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	RRIOCFKMD	12	2X	288

PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS
F = Feet, M = Meters or C = Custom Print	
2	PRODUCT FAMILY & CONSTRUCTION
RRIOCFKMD = Indoor/Outdoor Riser FlexRibbon (Black Jacket)	
RRCFKMD = Indoor Only Riser FlexRibbon (Yellow Jacket)	
3	FIBER GROUPING
12 = 12f per tube	

FIBER INFORMATION	
4	FIBER TYPE
SINGLE-MODE	
2X = BBXS200 Bend Insensitive 200µm Single-Mode (ITU G.657.A2 & G.652.D)	
5	FIBER COUNT
288 fibers	

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help. Other cable constructions and fiber performance grades available on request.



### Prysmian

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