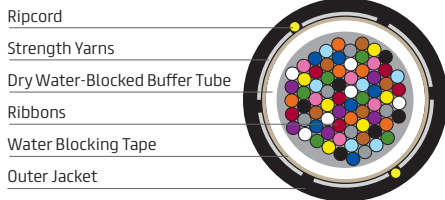
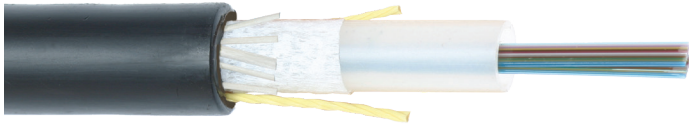


288 MicroDuct RICT Indoor/Outdoor Riser with FlexRibbon™ 200 µm Fibers

Prysmian



OVERVIEW

MicroDuct 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 MicroDuct 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 MicroDuct 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	288	
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	-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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A Brand of Prysmian Group

Prysmian Group

4 Tesseneer Drive, Highland Heights, KY 41076
+1-859-572-8000 / na.prysmiangroup.com
TLS-DS-B-208-0523

288 MicroDuct RICT Indoor/Outdoor Riser with FlexRibbon™ 200 µm Fibers

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 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: MicroDuct RICT with FlexRibbon Technology with G657.A1 bend insensitive fiber (printed in feet)



PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS F = Feet or M = Meters
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 21 = Bend Insensitive 200 µm Single-Mode (ITU G.657.A1 & 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.