

Indoor Micro FlexCord™ Cable

FlexRibbon® Plenum & Riser Rated Designs

200µm Fiber



OVERVIEW

Prysmian Micro FlexCord™ is the ideal cable for data center, co-location and central office facilities where a small diameter, highly flexible cable is desired. FlexCord cable is a compact cable that can be directly terminated.

SPECIFICATIONS / RATINGS

Applications Routing and patching for indoor communication network locations

Fiber 200µm fibers

Flame Ratings Plenum (OFNP/FT6) or Riser (OFNR/FT4)

Fiber Count 16 to 144

Fiber Types Single-mode

Standards ANSI / ICEA S-83-596, Telcordia GR-409, CE RoHS Compliant

Registered Supplier ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

FEATURES AND BENEFITS

Flexible Routing & Termination

- Very flexible with no preferential bend
- Compatible with routing in trays, racks and under raised floors in network communication centers
- Enables installation around tight corners and in confined spaces
- Fully compatible with commercially available multi-fiber connectors

Reliable Performance

- Available with bend-insensitive single-mode or multimode fibers to address the most challenging placement conditions
- Designed and tested to standards-based performance criteria



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Fiber Count	Fibers Per Subunit	Recommended Part Number	Tube OD		Cable Diameter		Cable Weight		Bend Radius UNDER LOAD		Bend Radius NO LOAD		Max Installation LOAD (pull strength)		Max Operation LOAD	
		Prysmian*	inches	mm	inches	mm	lb/ft	kg/km	inches	cm	inches	cm	lbs	newtons	lbs	newtons

FlexCord Plenum (OFNP/FT6) - Single Jacket

16	Single Unit	RFC20-00-AA-016-BB	0.08	2.0	0.08	2.0	3	5	1.6	4	0.8	2	9	40	2.7	12
64	16	RFC20-16-AA-064-BB	0.08	2.0	0.30	7.5	45	66	6	15	3.0	7.5	100	444	32	142
144	16	RFC20-16-AA-144-BB	0.08	2.0	0.43	10.8	90	134	9	22	4.5	11	150	667	45	200

FlexCord Plenum (OFNP/FT6) - Double Jacket

24	Single Unit	RFCDJ-00-AA-024-BB	0.15	3.8	0.22	5.6	4.7	7	4.3	11	2.2	5.5	12	53	3.6	16
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FlexCord Riser (OFNR/FT4) - Single Jacket

32	Single Unit	RFCR24-00-AA-032-BB	0.09	2.4	0.09	2.4	4.0	6	1.9	4.8	0.9	2.4	22	98	7	31
32-33	Single Unit	RFCR26-00-AA-032-BB	0.102	2.6	0.102	2.6	4.8	7.14	2.0	5.2	1.0	2.6	22.5	100	7	30
64	Single Unit	RFCR40-00-AA-064-BB	0.16	4.0	0.16	4.0	10.75	16	3.1	8	1.6	4	50	222	15	66

* Where AA equals glass type and BB equals attenuation code

Outer Jacket Color Identification

Yellow Single-mode

Temperature Range

Shipping and Storage: -40° F to +158° F (-40° C to +70° C)
 Installation: +32° F to +140° F (0° C to +60° C)
 Operation: +32° F to +158° F (0° C to +70° C)

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: FlexCord 16 fiber RFC20 cable, 2.0 mm, with bend-insensitive BBXS200 single mode fibers (printed in feet)

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 CONSTRUCTION	4 FIBER GROUPING	5 FIBER TYPE	6 FIBER COUNT	7 FIBER GRADE
F	RFC20	BLANK	00	2X	016	E7

PART NUMBER CONSTRUCTION	
1 LENGTH MARKINGS	F = Feet or M = Meters
2 PRODUCT FAMILY	RFC20 = 1X16f Ribbon 2mm Indoor FlexCord Plenum (OFNP/FT6) RFCDJ = 2X12f Double Jacket FlexCord Plenum (OFNP/FT6) RFCR24 = 2X16f per Ribbon 2.4mm Indoor FlexCord Riser (OFNR/FT4) RFCR26 = 2X16f per Ribbon 2.6mm Indoor FlexCord Riser (OFNR/FT4) (Optional - additional 1 multi-mode fiber for continuity) RFCR40 = 4X16f Ribbon Indoor FlexCord Riser (OFNR/FT4)
3 CONSTRUCTION	(BLANK) = None
4 FIBER GROUPING	00 = Single Unit 16f = 16f FlexRibbon per unit

FIBER INFORMATION	
5 FIBER TYPE	
SINGLE-MODE	
2X = BBXS 200 µm Bend-Insensitive Single-Mode (ITU G.657.A2 & G.652.D)	
6 FIBER COUNT	
16 to 144 fibers with 16f FlexRibbons in 2mm Subunits	
24 fiber with 2 x 12f FlexRibbons in 3.8mm Subunit	
32 or 33 fibers with 16f FlexRibbons in 2.4mm or 2.6mm Unit	
64 fibers with 16f FlexRibbons in a 4mm Unit	
7 FIBER GRADE	
SINGLE-MODE	
Attenuation (dB/km)	Wavelength (nm)
E7 = 0.40/0.40/0.30	1310/1385/1550



Prysmian

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