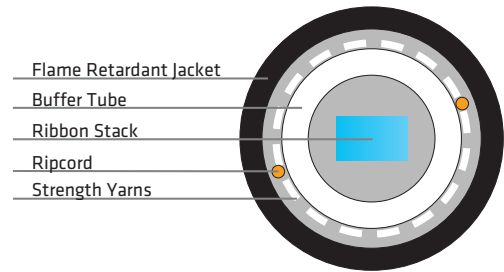




FusionLink™ Indoor/Outdoor Ribbon

Ribbon central tube riser (gel) cable (576-864 fiber)



Features and Benefits

Compact Design

- 576-864 fibers in a small diameter package
- Lightweight and easy to handle during installation

Easily Removable Ribbon Matrix

- Allows for ease of stripping and breakout
- 24 fiber ribbons for 576
- 36 fiber ribbons for 864

Precision Ribbon Geometry

- Time and labor savings during fiber splicing
- Superior fiber alignment produces low skew and ease of connectorization

UL and c(UL) Listed

- OFNR and OFN-FT4 rated for riser applications
- Indoor/outdoor applications



Performance

- G.657.A1 and G.657. A1 & B2 bend-insensitive single-mode fibers available
- Tested in accordance with Telecordia GR-20 and GR-409 & ICEA-S-83-696
- Color coding and ribbon markings as per TIA-598C
- Complies with ANSI/EIA/TIA 568C.3
- The complete cable and all subcomponents are RoHS-compliant

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000

PERFORMANCE SPECIFICATIONS		
Bend Radius	RISER	
Dynamic	20 x Cable OD	
Static	15 x Cable OD	
Tensile Rating	N	lbf
Installation	2700	600
Residual	800	180
Crush Resistance	N/cm	lbf/in
	220/110	125/63
Temperature Ratings	°C	°F
Operation	-40 to +70	-4 to +158
Installation	-10 to +60	-4 to +140
Storage/Shipping	-40 to +70	-40 to +158

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Nominal Design Parameters

Flame Rating		Riser UL 1666
Fiber Count Range		576-864
Cable OD	(mm)	26.5
	(inches)	1.04
Tube OD	(mm)	19.1
	(inches)	0.75
Cable Weight	(kg/km)	628
	(lb/kft)	422
Max. Length	(m)	3,800
	(ft)	12,500

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.



PART NUMBER CONSTRUCTION

1 LENGTH MARKINGS

F = Feet or M = Meters

2 PRODUCT FAMILY & CONSTRUCTION

RRCTK = FusionLink RCLT Riser

3 FIBER GROUPING

24 = 24f Ribbons (576)

36 = 36f Ribbons (864)

Note: Please refer to the fiber code addendum for additional fiber options, or contact us for help.

FIBER INFORMATION

4 FIBER TYPE

SINGLE-MODE

CU = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)

B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)

B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2 & G.652.D)

5 FIBER COUNT

576-864 fibers

6 FIBER GRADE

SINGLE-MODE Attenuation (dB/km) Wavelength (nm)

E1 = 0.40/0.40/0.30 1310/1383/1550