

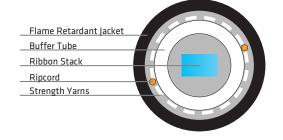


# FusionLink™ Indoor/Outdoor Ribbon

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	RIS	ER		
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	
Max. Length	(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.

1 LENGTH MARKINGS	PRODUCT FAMILY	FIBER GROUPING	4 FIBER TYPE	5 FIBER COUNT	6 FIBER GRADE
F -	RRCTK	36	– CU	- 864	- E1

PA	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		

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