

# FusionLink™ Indoor/Outdoor



Ribbon Central Loose Tube Cable for Transitional Aerial and Duct Applications

## Features and Benefits

### Indoor/Outdoor Design

- Saves space and time by eliminating splices at the cable vault
- Can be installed using typical loose tube cable methods and hardware

### Flame Retardant Construction

- Riser rated design complies with UL 1666 and is OFNR and OFN-FT4 rated

### Compact Design

- Efficient packaging of higher fiber counts
- Lightweight and easy to handle during installation

### Easily Removable Ribbon Matrix

- Allows for ease of stripping and fiber breakout
- Improves mid-span strippability

### Precision Ribbon Geometry

- Time and labor savings during fiber splicing

### Flexible Buffer Tube

- Superior kink resistance
- Facilitates route management in closures
- Eliminates need for closure transportation tubing

### Dry Water-Blocking Technology

- Permits rapid cable preparation and termination
- Water-Blocking materials are easily removed

### Performance

- Meets or exceeds the requirements of Telcordia GR-20, Issue 2 and GR-409, and is tested in accordance with relevant EIA-455 series FOTPs for fiber optic cables

### Registered Supplier

- ISO 9001, ISO 14001, and TL 9000



FusionLink™ Indoor/Outdoor

### Bend Radius

Dynamic	20 x Cable OD
Static	10 x Cable OD

### Tensile Rating

	N	lbf
Installation	2700	600
Residual	800	180

### Crush Resistance

	N/cm	lbf/in
Short Term/Long Term	220/110	125/63

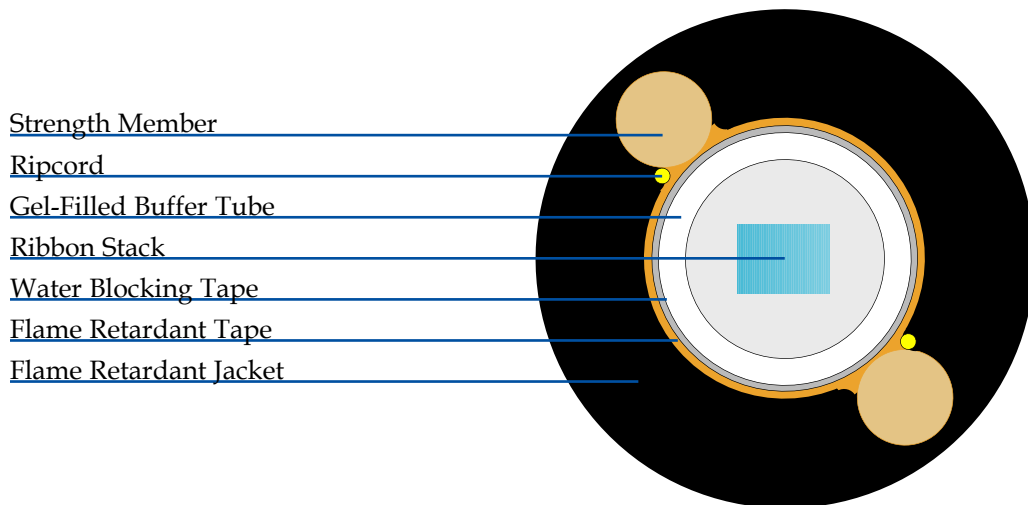
### Temperature Ratings

	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

## Nominal Design Parameters

<b>Fiber Count</b>	12-96	108-216	
<b>Ribbon Count</b>	1-8	9-18	
<b>Fibers/Ribbon</b>	12	12	
<b>Buffer Tube OD</b>	(mm)	8.4	11.0
	(inches)	0.33	0.43
<b>Cable OD</b>	(mm)	17.8	20.4
	(inches)	0.70	0.80
<b>Cable Weight</b>	(kg/km)	313	402
	(lb/kft)	210	270
<b>Max. Length</b>	(m)	9,458	7,201
	(ft)	31,022	23,619

## Cable Construction



### Select a part number according to the fiber count you want:

Fiber Count **1** **2**  
 0012-0216   STRABERJB

### Then, use the following options to complete the part number:

**1** Fiber Type **2** Attenuation  
 G = G.652 Single-Mode B = 0.35/0.25 dB/km @ 1310/1550 nm  
 H = G.652(d) Single-Mode Low Water Peak C = 0.40/0.30 dB/km @ 1310/1550 nm  
 Note: Please call if you have special requirements for fiber type or attenuation.

### Example:

If you need a 144 count, Riser rated FusionLink™ cable with Single-Mode fiber and 0.40/0.30 attenuation, order Part Number 0144GCSTRABERJB.

### To place an order please contact us in one of the following ways:

Telephone (800) 669-0808 (Inside Sales)

Fax (800) 951-5040

comm.cables@prysmian.com

