

# FusionLink RCLT™

Ribbon Central Loose Tube Cable for Aerial and Duct Applications



## Features and Benefits

### 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
- Increased flexibility
- 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

### All-Dielectric Strength Elements

- Jacket can be removed from the end in a single step
- Mid-span access is safer and easier

### Performance

- Meets or exceeds the requirements of Telcordia GR-20, Issue 2 and ICEA 640, and is tested in accordance with relevant EIA/TIA-455 series FOTPs for fiber optic cables

### Registered Supplier

- ISO 9001, ISO 14001, and TL 9000



FusionLink RCLT™

### 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

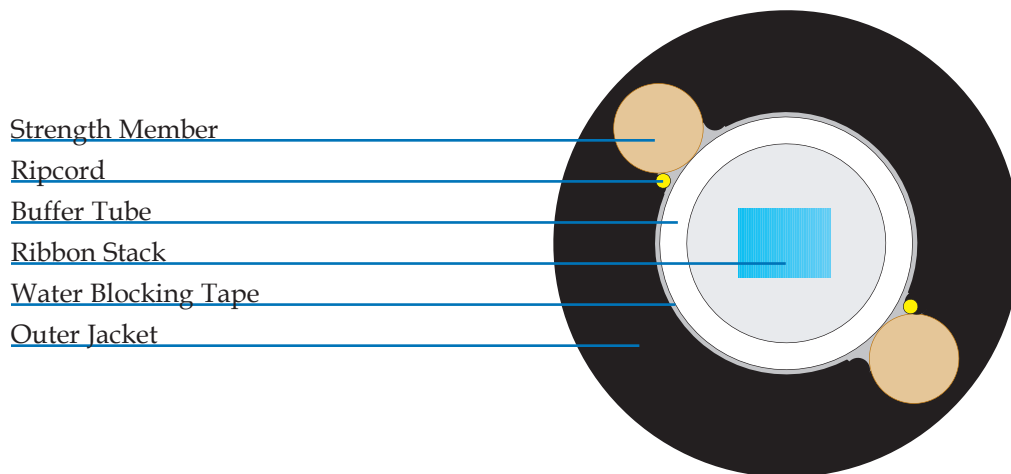
### Temperature Ratings

	°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>		12-72	84-96	108-144	156-216	240-432*
<b>Ribbon Count</b>		1-6	7-8	9-12	13-18	10-18
<b>Fibers/Ribbon</b>		12	12	12	12	24
<b>Buffer Tube OD</b>	(mm)	6.2	8.4	9.9	11.0	14.3
	(inches)	0.24	0.33	0.33	0.43	0.56
<b>Cable OD</b>	(mm)	12.9	15.1	16.6	17.7	21.0
	(inches)	0.51	0.59	0.65	0.70	0.83
<b>Cable Weight</b>	(kg/km)	130	173	207	235	335
	(lb/kft)	87	116	139	158	225
<b>Max. Length</b>	(m)	11,821	10,470	9,162	9,162	4,700
	(ft)	38,773	34,342	30,051	30,051	15,416

## Cable Construction



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

Fiber Count	<b>1</b>	<b>2</b>	
0012-0216	<input type="checkbox"/>	<input type="checkbox"/>	STRABESJB
0240-0432	<input type="checkbox"/>	<input type="checkbox"/>	SWRABESJB*

\*Note: This design uses 24 fiber ribbons for counts of 240 or more. Please refer to Ribbon in Loose Tube designs for higher fiber counts using 12 fiber ribbons.

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

#### **1** Fiber Type

G = G.652 Single-Mode

H = G.652(d) Single-Mode Low Water Peak

Note: Please call if you have special requirements for fiber type or attenuation.

#### **2** Attenuation

B = 0.35/0.25 dB/km @ 1310/1550 nm

C = 0.40/0.30 dB/km @ 1310/1550 nm

### Example:

If you need a 96 count FusionLink™ cable with G.652 Single-Mode fiber and 0.40/0.30 attenuation, order Part Number 0096GCSTRABESJB.

### 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

