

Outside Plant

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 3 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

Performance Specifications

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

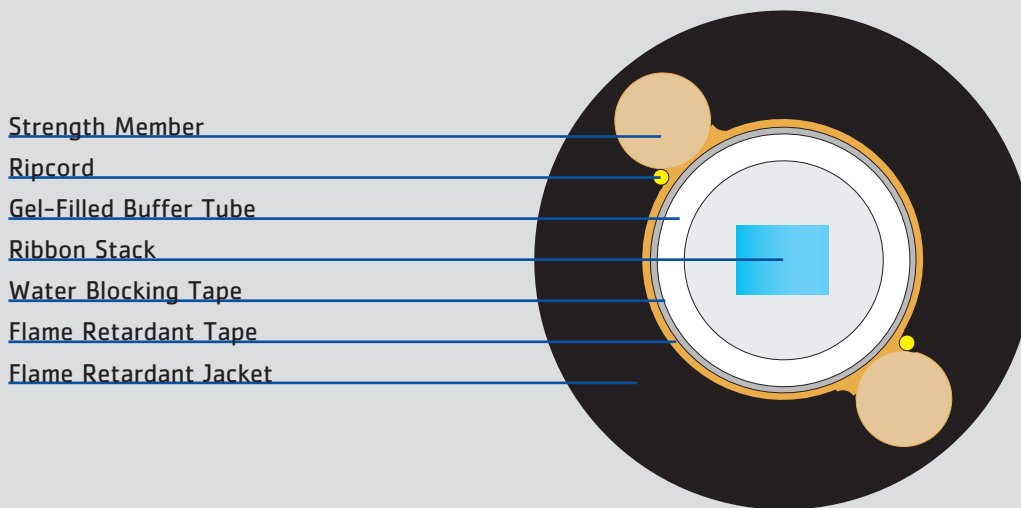
	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

THE RIGHT CHOICE

NOMINAL DESIGN PARAMETERS

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

CABLE CONSTRUCTION



ORDERING INFORMATION

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

H = G.652.D Single-Mode Low Water Peak
 Z = Corning™ SMF-28e+ Fiber

2 Attenuation

B = 0.35/0.35/0.25 dB/km @ 1310/1383/1550 nm
 C = 0.40/0.40/0.30 dB/km @ 1310/1383/1550 nm

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

Example:

If you need a 144 count, Riser rated FusionLink™ cable with G.652.D LWP Single-Mode fiber and 0.40/0.40/0.30 attenuation, order Part Number 0144HCSTRABERJB.

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

700 Industrial Drive, Lexington SC 29072 - (800) 669-0808 (Inside Sales) - Fax (800) 951-5040 - comm.cables@prysmian.com