

Outside Plant

MassLink™ Indoor/Outdoor

RIBBON STRANDED 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 design complies with UL 1666 and is OFNR and OFN-FT4 rated
- > LSZH design complies with UL 1685 and is OFN-LS and OFN-FT1 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 Tubes

- > Increased flexibility and 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

Multiple Buffer Tubes Stranded in Reverse Oscillated Lay

- > Facilitates mid-span access of fibers
- > Simplifies handling and management of ribbons
- > Individual fibers/ribbons can be accessed more quickly and safely

Registered Supplier

- > ISO 9001, ISO 14001, and TL 9000

Bend Radius

Dynamic	20 x Cable OD
Static	10 x Cable OD

Tensile Rating

	N	lbf
Installation	2700	600
Residual	800	180

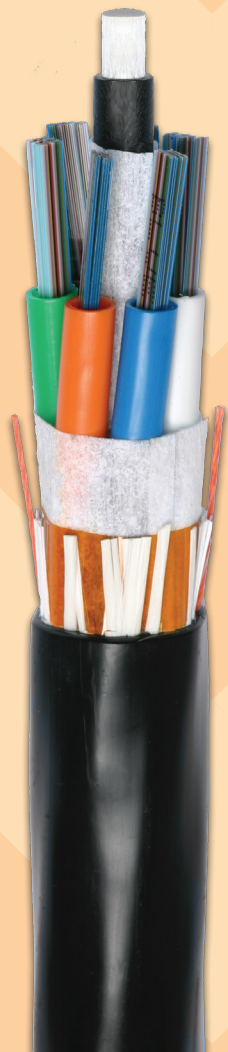
Crush Resistance

	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

Performance Specifications

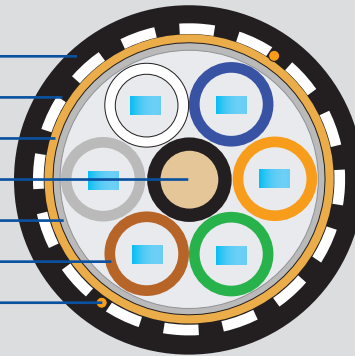


NOMINAL DESIGN PARAMETERS

Flame Rating		Riser	Low-Smoke, Zero-Halogen
Fiber Count		216-432	216-432
12F Ribbons/Tube		1-6	1-6
Tube Positions		6	6
Buffer Tube OD	(mm)	6.2	6.2
	(inches)	0.24	0.24
Cable OD	(mm)	22.6	22.6
	(inches)	0.84	0.84
Cable Weight	(kg/km)	405	415
	(lb/kft)	272	278
Max. Length	(m)	5,867	5,867
	(ft)	19,244	19,244

CABLE CONSTRUCTION

[Flame Retardant Jacket](#)
[Outer Strength Members](#)
[Flame Retardant Tape](#)
[Central Strength Member](#)
[Water Blocking Tape](#)
[Gel-Filled Buffer Tube Containing Optical Fiber Ribbons](#)
[Ripcord](#)



ORDERING INFORMATION

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

Fiber Count **1** **2** **3**
 0216-0432 STRAFE JC

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.

3 Jacket Flame Rating

R = Riser Rated
 G = LSZH (Low-Smoke Zero-Halogen)

Example:

If you need a 432 count, MassLink™ Indoor/Outdoor cable with G.652.D LWP Single-Mode fiber and 0.40/0.40/0.30 attenuation, order Part Number 0432HCSTRAFERJC.

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