

MassLink RILT™



Ribbon In Loose Tube Cable for Aerial, Duct and Direct-Buried 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

Precision Ribbon Geometry

- Time and labor savings during fiber splicing

Flexible Buffer Tubes

- Superior kink resistance and 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

Multiple Buffer Tubes Stranded in Reverse Oscillated Lay

- Facilitates mid-span access of fibers
- Simplifies access, handling and management of fibers and ribbons

Corrugated Steel Armor (Optional)

- Provides additional mechanical protection (Prysmian recommends that only armored designs should be used in direct-buried applications)

Copper Tracer Wires Available

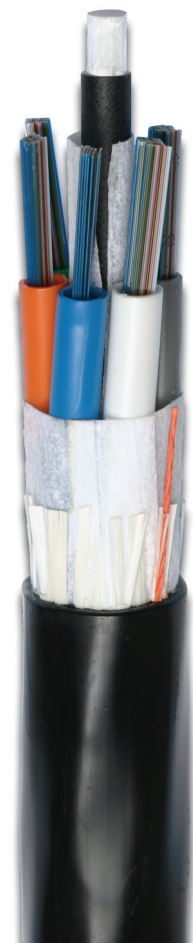
- Permits tone location of unarmored designs

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



MassLink RILT™

Bend Radius

Dynamic	20 x Cable OD
Static	10 x Cable OD

Tensile Rating

	N	lbf
Installation	4500	1000
Residual	800	180

Crush Resistance

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

Temperature Ratings

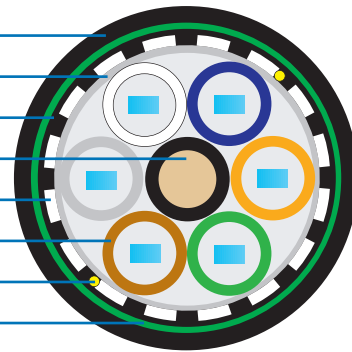
	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

Nominal Design Parameters

Jacket Design		All-Dielectric	All-Dielectric	Single Armor Single Jacket	Single Armor Single Jacket	Single Armor Double Jacket
Fiber Count		288-432	444-864	288-432	444-864	288-432
12F Ribbons/Tube		1-6	1-12	1-6	1-12	1-6
Tube Positions		6	6	6	6	6
Buffer Tube OD	(mm)	6.2	7.9	6.2	7.9	6.2
	(inches)	0.24	0.31	0.24	0.31	0.24
Cable OD	(mm)	21.35	26.7	24.7	29.8	27.0
	(inches)	0.84	1.05	0.97	1.17	1.06
Cable Weight	(kg/km)	310	442	464	618	519
	(lb/kft)	208	297	311	415	348
Max. Length	(m)	6,575	4,204	3,515	3,515	4,366
	(ft)	21,566	13,789	11,529	11,529	14,320

Cable Construction

- [Outer Jacket](#)
- [Water Blocking Tape](#)
- [Inner Jacket \(Double Jacket Designs Only\)](#)
- [Central Strength Member](#)
- [Outer Strength Members](#)
- [Gel-Filled Buffer Tube Containing Fiber Ribbons](#)
- [Ripcord](#)
- [Corrugated Steel Armor \(Armored Designs Only\)](#)



Ordering Information

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

Fiber Count	1	2	
0288-0864	<input type="checkbox"/>	<input type="checkbox"/>	STRAFESJC All-Dielectric
0288-0864	<input type="checkbox"/>	<input type="checkbox"/>	STRAFEAJC Single Armor/Single Jacket
0288-0432	<input type="checkbox"/>	<input type="checkbox"/>	STRAFESAC Single Armor/Double Jacket

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 an 864 count armored MassLink™ cable with Single-Mode fiber and 0.40/0.30 attenuation, order Part Number 0864GCSTRAFEAJC.

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

