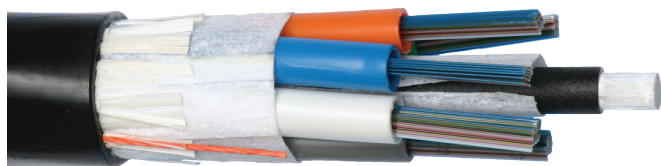
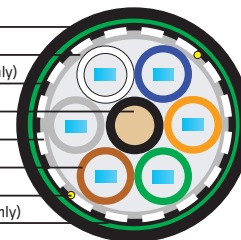




MassLink™ Multi-Tube Ribbon Cable



- MDPE Outer Jacket
- Water Blocking Tape
- MDPE Inner Jacket (Double Jacket Designs Only)
- Central Strength Member
- Outer Strength Members
- Gel-Filled Buffer Tube With Fiber Ribbons
- Ripcord
- Corrugated Steel Armor (Armored Designs Only)



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

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 access of fibers when cable slack is not available
- Smaller tubes have superior kink resistance and increased flexibility
- Simplifies access, handling and management of fibers and ribbons
- Eliminates need for closure transportation tubing and furcation kits

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 & ICEA 640 and is tested in accordance with relevant EIA/TIA-455 series
- RDUP (RUS) listed (tested in accordance with PE-90, 7CFR 1755.900)

Registered Supplier

- ISO 9001, ISO 14001, TL 9000, and OHSAS 18001



PERFORMANCE SPECIFICATIONS		
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/ 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 Ribbon/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	4,932	3,515	4,366
	(ft)	21,566	13,789	16,181	11,529	14,320

Ordering Guide The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below

Example: 864 count armored MassLink™ cable with G.652.D LWP single-mode fiber and 0.40/0.40/0.30 attenuation.



PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS
	F = Feet or M = Meters
2	PRODUCT FAMILY
	RLG = MassLink
3	CONSTRUCTION
	1JKT = Single Jacket
	1A1J = Single Armor, Single Jacket
	1A2J = Single Armor, Double Jacket
4	FIBER GROUPING
	12 = 12f Ribbons

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

FIBER INFORMATION		
5	FIBER TYPE	
	SINGLE-MODE	
	HB = Single-Mode (ITU G.652 C & D) Low Water Peak	
	ES = Enhanced Single-Mode (ITU G.652 C & D)	
	CE = Corning™ SMF28e+ Single-Mode	
	LE = LEAF NZDSF (ITU G.655)	
6	FIBER COUNT	
	288 to 864 fibers	
7	FIBER GRADE	
	SINGLE-MODE	
	Attenuation (dB/km)	Wavelength (nm) Fiber Type
	E1 = 0.40/0.40/0.30	1310/1383/1550 HB, ES, or CE
	E3 = 0.35/0.35/0.25	1310/1383/1550 HB, ES, or CE
	N1 = 0.25	1550 LEAF Single-Mode