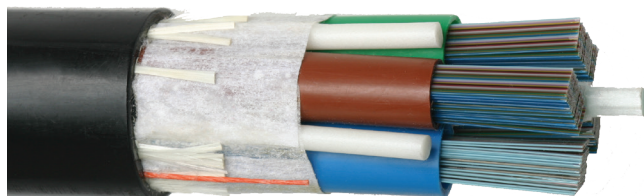




MassLink™ 1728

Multi-Tube Ribbon Cable



MDPE Outer Jacket

Steel Armor (where applicable)

Outer Strength Members

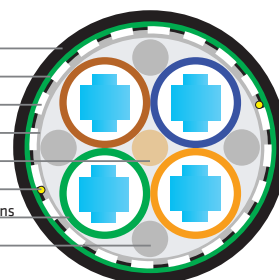
Water Blocking Tape

Central Strength Member

Ripcord

Gel-Filled Buffer Tube Containing Fiber Ribbons

Filler Rod



Features and Benefits

Highest Fiber Count Available

- Maximizes duct utilization in critical installations like bridge crossings
- Ideal for connecting very large fiber distribution hubs
- Lightweight and easier to handle than multiple smaller cables

Easily Removable Ribbon Matrix

- Both 12 and 24-fiber ribbons are easy to mass-strip
- Individual fibers can be broken out quickly and cleanly

Precision Ribbon Geometry

- Time and labor savings during fiber splicing
- Ribbons are easily split from 24-fiber units into separate 12-fiber units

Available with ECCS ezPrep® (Steel) Armor

- Rodent-Resistant
- Facilitates tone location and increases resistance to mechanical stresses

Dry Water-Blocking Technology

- Permits rapid cable preparation and termination
- Water-blocking materials are easily removed

Multiple Buffer Tubes Stranded in Reverse Oscillated Lay

- Cable is uniformly flexible in all directions
- Simplifies access, handling and management of fibers and ribbons
- Termination management is easier with fewer ribbons in each tube

Performance

- RDUP (RUS) listed (tested in accordance with PE-90, 7CFR 1755.900)

Registered Supplier

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

**RUS
LISTED**

PERFORMANCE SPECIFICATIONS

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

Prysmian Group

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Nominal Design Parameters

Jacket Design		All-Dielectric	Single Armor / Single-Jacket
Fiber Count		1296-1728	1296-1728
Fibers/Tube		432	432
Tube Positions		4	4
Buffer Tube OD	(mm)	12.1	12.1
	(inches)	0.476	0.476
Cable OD	(mm)	31.5	35.1
	(inches)	1.24	1.38
Cable Weight	(kg/km)	749	965
	(lb/kft)	503	647
Max. Length	(m)	3,020	2,170
	(ft)	9,908	7,118

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: 1728 count armored MassLink™ cable with G.652.D LWP single-mode fiber and 0.40/0.40/0.30 attenuation. (printed in feet)

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 CONSTRUCTION	4 FIBER GROUPING	5 FIBER TYPE	6 FIBER COUNT	7 FIBER GRADE
F	RLG	1A1J	MX	HB	1728	E1

PART NUMBER CONSTRUCTION

1 LENGTH MARKINGS

F = Feet or M = Meters

2 PRODUCT FAMILY

RLG = MassLink 1728

3 CONSTRUCTION

1JKT = Single Jacket

1A1J = Single Armor, Single Jacket

4 FIBER GROUPING

MX = Mix of 12f and 24f ribbons per unit or tube

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

6 FIBER COUNT

1296 to 1728 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

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