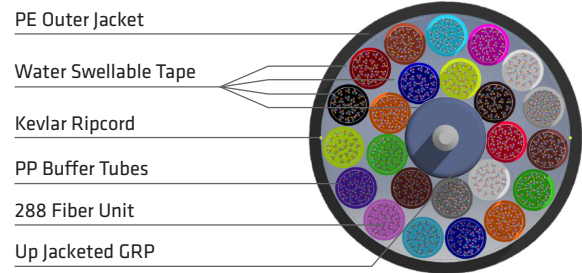
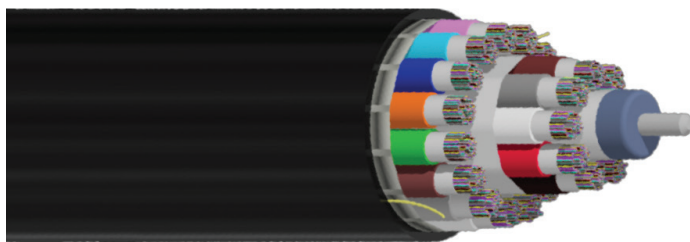


6912F MassLink™ with FlexRibbon™ Technology

Ultra compact ribbon design for access or data center applications
200 μm Fibers



Overview

MassLink™ with FlexRibbon™ Technology provides an ultra-compact outside plant cable design that contains 6912 bend insensitive fibers, small enough to fit into a 2" duct. By using FlexRibbon technology, ribbons are rolled up and packed together in small diameter 288 fiber sub units. While FlexRibbon™ provides high packing density, these 200 μm fiber ribbons still provide the advantages of mass fusion splicing.

Ultra Compact Design

- FlexRibbons™ are rolled up into compact 288 fiber sub units for easier routing
- Significantly smaller diameter and lighter weight cables allow for easier installation and the use of smaller ducts
- A 6912 cable can be installed in a 2" duct which maximizes duct space utilization

FlexRibbon Technology

- Extremely flexible ribbons can be rolled up for high packing densities or laid flat for ribbon splicing
- 12 fiber ribbons are compatible with 200μm mass fusion heat strippers, cleavers, and splice machines
- Uses 200 μm coated bend-insensitive fiber (ITU G657.A1 or A2)

Performance

- Uses full dry water blocking technology in the tubes and cable core for easy closure preparation and termination

Registered Supplier

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

PERFORMANCE SPECIFICATIONS		
Minimum Bend Diameter (Diameter = Radius x 2)		
Wheel/Capstan	50 inches (127 cm)	
Coil/Bend	32 inches (82 cm)	
Minimum Bend Radius		
Installation/Dynamic	16 x Cable OD	
Long Term/Static	10 x Cable OD	
Tensile Rating	N	lbf
Installation	2700	600
Residual	800	180
Crush Resistance	N/cm	lbf/in
Short/ Long Term	220/110	125/63
Temperature Ratings	°C	°F
Operation	-20 to +70	-2 to +158
Installation	-20 to +60	-2 to +140
Storage/Shipping	-40 to +70	-40 to +158

NOMINAL DESIGN PARAMETERS		
Fiber Count	6912	
Tube Positions	24	
Number of Ribbons/Tube	24	
Buffer Tube OD	(mm)	6.2
	(inches)	0.24
Cable OD	(mm)	38.9
	(inches)	1.53
Cable Weight	kg/km	943
	lb/kft	634
Maximum Length	(m)	3,063
	(ft)	10,050
Duct Size/% Fill	2" / 77%	
Fibers/Sub Unit	24 Units x 288f/Unit	

RIBBON COLOR CODE			
Ribbon #	Marking	Ribbon #	Marking
1		13	■ ■
2		14	■ ■
3		15	■ ■ ■
4		16	■ ■ ■
5	■	17	■ ■ ■
6	■	18	■ ■ ■
7	■	19	■ ■ ■
8	■	20	■ ■ ■ ■
9	■	21	■ ■ ■ ■
10	■ ■	22	■ ■ ■ ■
11	■ ■	23	■ ■ ■ ■
12	■ ■	24	■ ■ ■ ■

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: 6912 count all-dielectric MassLink with FlexRibbon Technology with G657.A1 bend insensitive fiber.



PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS F = Feet or M = Meters
2	PRODUCT FAMILY RLF = MassLink with FlexRibbon Technology
3	CONSTRUCTION 1JKT = Single Jacket
4	FIBER GROUPING 12 = 12f Flex-Ribbons

FIBER INFORMATION	
5	FIBER TYPE SINGLE-MODE 21 = Bend Insensitive 200 μm Single-Mode (ITU G.657.A1 & G.652.D) 22 = Bend-Insensitive 200 μm Single-Mode (ITU G.657.A2 & .B2, & G.652.D)
6	FIBER COUNT 6912 fibers

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