



MiniLink™

Reduced Diameter Stranded Loose Tube Cable for Aerial and Duct Applications



Outer Strength Members (where applicable)

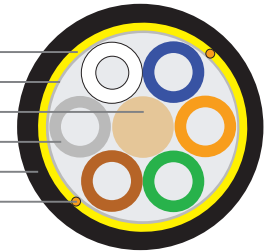
Water Blocking Tape

Central Strength Member

Gel-Filled Buffer Tube Containing up to 12 Fibers

Outer Jacket

Ripcord



Features and Benefits

Compact, Light-Weight Design

- Easy for crafts people to handle and install
- Saves space in crowded locations

Precision-Engineered

- High-strength materials ensure mechanical performance
- High-performance design provides GR-20 compliant performance

Stranded Tube Design

- Craft-friendly, standard loose tube construction
- Reverse Oscillating Lay (ROL) facilitates mid-span access

Dry Water-Blocking Technology

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

Medium Density Polyethylene Jacket

- Low friction installation
- Excellent protection from environmental hazards

Sheath Markings

- Provide positive identification and length verification
- Custom print available
- Optional embedded stripe available for additional cable identification

Tracer Wire Available

- Allows tone location of cable

Performance

- Meets or exceeds the requirements of Telcordia GR-20, and ICEA 640, and is tested in accordance with relevant EIA/TIA-455 series

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000

PERFORMANCE SPECIFICATIONS

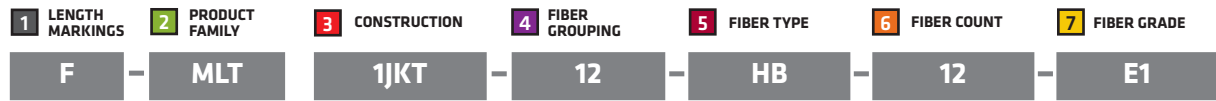
PERFORMANCE SPECIFICATIONS		
Bend Radius		
Dynamic	20 x Cable OD	
Static	10 x Cable OD	
Tensile Rating		
	N	lbf
Installation	2700	600
Residual	800	180
Crush Resistance		
	N/cm	lbf/in
Short/ Long Term	220/110	125/63
Temperature Ratings		
	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

Nominal Design Parameters

Fiber Count		2-72	74-96	98-144
Buffer Tube Count		6	8	12
Max. Fibers/Tubes		12	12	12
Buffer Tube OD	(mm)	1.9	1.9	1.9
	(inches)	0.075	0.075	0.075
Cable OD	(mm)	8.9	10.4	12.5
	(inches)	0.35	0.41	0.49
Cable Weight	(kg/km)	60	85	119
	(lb/kft)	40	57	80
Max. Length	(m)	14,000	23,480	21,167
	(ft)	45,920	77,014	69,427

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: If you need a 36 count MiniLink™ Loose Tube 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
MLT = MiniLink™	
3	CONSTRUCTION
1JKT = Single Jacket	
4	FIBER GROUPING
12 = 12f per unit or tube	

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		
6	FIBER COUNT	
002 to 144 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

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