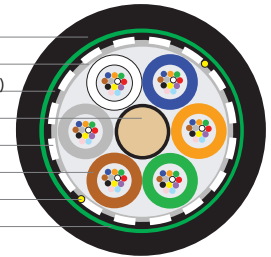


Dry FlexLink™ Armored

Stranded Loose Tube Cables for Aerial, Duct and Direct-Buried Applications



- MDPE Outer Jacket
- Water Blocking Tape
- MDPE Inner Jacket (Double Jacket Designs Only)
- Central Strength Member
- Outer Strength Members (where applicable)
- Dry Buffer Tube Containing up to 12 Fibers
- Ripcord
- Corrugated Steel Armor



Features and Benefits

Dry Water-Blocking Technology

- Buffer Tube and Core are completely dry-no gel
- Permits rapid cable preparation and termination
- Water-Blocking materials are easily removed

Corrugated Steel Armor

- Provides additional mechanical protection

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

Reverse Oscillated Lay Stranding Method

- Facilitates mid-span access of fibers

Additional Options

- Twisted copper pairs provide remote power or communications
- Factory-Installed pulling eye saves time when setting up for cable pulls

Performance

- Meets or exceeds the performance requirements of Telcordia GR-20, Issue 3 and ICEA 640, and is tested in accordance with relevant EIA-455 series FOTPs for fiber optic cables
- RDUP listed (tested in accordance with PE-90)

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000

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		2-60	62-72	74-96	98-120	122-144	146-216	218-264	266-288	
Buffer Tube Count		5	6	8	10	12	18	22	24	
Buffer Tube OD (mm)		2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
Single Jacket	Cable OD	(mm)	13.2	14.0	15.8	17.7	19.6	19.7	22.5	23.8
		(inches)	0.52	0.55	0.62	0.70	0.77	0.78	0.89	0.94
	Cable Weight	(kg/km)	140	161	193	237	285	262	353	402
(lb/kft)		94	108	130	159	192	176	236	270	
Max. Length	(m)	12,800	12,800	11,929	9,675	7,643	7,604	5,715	5,246	
	(ft)	41,984	41,984	39,127	31,734	25,067	24,940	18,745	17,207	
Double Jacket	Cable OD	(mm)	15.3	16.3	18.1	19.8	22.3	22.5	--	26.0
		(inches)	0.60	0.64	0.71	0.78	0.88	0.88	--	1.02
	Cable Weight	(kg/km)	190	210	250	294	377	360	--	476
(lb/kft)		128	141	168	198	253	241	--	320	
Max. Length	(m)	12,800	10,627	8,578	7,842	6,424	6,366	--	--	
	(ft)	41,984	34,858	28,138	25,722	21,072	20,880	--	--	

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: 36 count FlexLink™ dry water-blocked 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 FLD= Dry FlexLink™
3	CONSTRUCTION 1A1J = Single Armor, Single Jacket 1A2J = Single Armor, Dual 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	
004 to 288 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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