

FlexLink™ Double Armored



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

Features and Benefits

Dry Water-Blocking Technology

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

Flexible Buffer Tubes

- Superior kink resistance
- Eliminates need for closure transportation tubing

Two Layers of 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 requirements of Telcordia GR-20, Issue 2 and ICEA 640, and is tested in accordance with relevant EIA/TIA-455 series FOTPs for fiber optic cables

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000



FlexLink™ Double Armored

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 Term/Long Term	440/220	250/125

Temperature Ratings

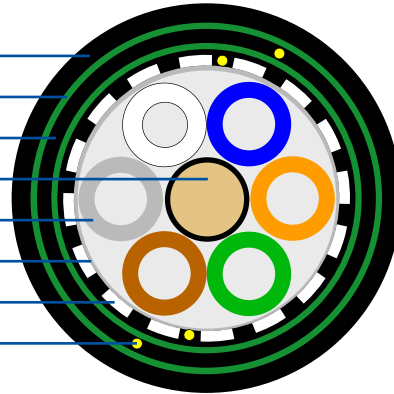
	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

Nominal Design Parameters

Fiber Count		2-60	62-72	74-96	98-120	122-144
Buffer Tube Count		5	6	8	10	12
Buffer Tube OD	(mm)	2.65	2.65	2.65	2.65	2.65
Cable OD	(mm)	16.8	18.3	20.0	21.9	23.8
	(inches)	0.66	0.72	0.79	0.86	0.94
Cable Weight	(kg/km)	280	324	368	435	505
	(lb/kft)	188	217	247	292	338
Max. Length	(m)	9,675	8,045	6,994	5,715	5,246
	(ft)	31,734	26,388	22,940	18,745	17,207
Cable OD	(mm)	19.7	20.6	22.3	24.0	25.9
	(inches)	0.78	0.81	0.88	0.94	1.02
Cable Weight	(kg/km)	362	390	450	515	585
	(lb/kft)	243	262	302	346	392
Max. Length	(m)	6,994	6,994	5,715	5,246	4,504
	(ft)	22,940	22,940	18,745	17,207	14,775

Cable Construction

- Outer Jacket
- Corrugated Steel Armor (typical)
- Inner Jacket (typical)
- Central Strength Member
- Gel-Filled Buffer Tube Containing up to 12 Fibers
- Water Blocking Tape
- Outer Strength Members (where applicable)
- Ripcord (typical)



Select a part number according to the fiber count you want:

Fiber Count	1	2		3	3	
0002-0006	<input type="checkbox"/>	<input type="checkbox"/>	S1LAFE	<input type="checkbox"/>	<input type="checkbox"/>	A
0008-0036	<input type="checkbox"/>	<input type="checkbox"/>	T1LAFE	<input type="checkbox"/>	<input type="checkbox"/>	A
0038-0144	<input type="checkbox"/>	<input type="checkbox"/>	S1LAFE	<input type="checkbox"/>	<input type="checkbox"/>	A

Note: Standard lay-up for fiber counts of 12 or more is 12 fibers per tube. Please call for custom lay-ups.

Then, use the following options to complete the part number:

- 1 Fiber Type**
 G = G.652 Single-Mode
 H = G.652(d) Single-Mode Low Water Peak
- 3 Jacket Design**
 AD = Double Armor-Double Jacket
 DA = Double Armor-Triple Jacket

- 2 Attenuation**
 B = 0.35/0.25 dB/km @ 1310/1550 nm
 C = 0.40/0.30 dB/km @ 1310/1550 nm

Note: Please call if you have special requirements for fiber type or attenuation.

Example:

If you need a 36 count FlexLink™ double armor/double jacket cable with Single-Mode fiber and 0.40/0.30 attenuation, order Part Number 0036GCT1LAFEADA.

To place an order please contact us in one of the following ways:

Telephone (800) 669-0808 (Inside Sales)

Fax (800) 951-5040

comm.cables@prysmian.com

