

Dry FlexLink™ Armored



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

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 2 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



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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	220/110	125/63

Temperature Ratings

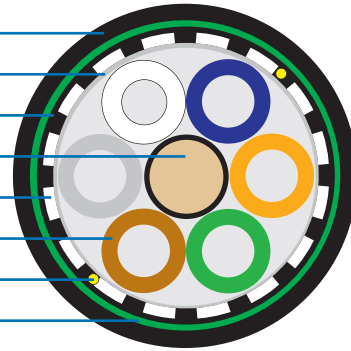
	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

Nominal Design Parameters

Fiber Count		2-60	62-72	74-96	98-120	122-144	146-216
Buffer Tube Count		5	6	8	10	12	18
Buffer Tube OD	(mm)	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
		(inches) 0.52	0.55	0.62	0.70	0.77	0.78
Single Jacket	Cable Weight	(kg/km) 140	161	193	237	285	262
		(lb/kft) 94	108	130	159	192	176
Single Jacket	Max. Length	(m) 12,800	12,800	11,929	9,675	7,643	7,604
		(ft) 41,984	41,984	39,127	31,734	25,067	24,940
Double Jacket	Cable OD	(mm) 15.3	16.3	18.1	19.8	22.3	22.5
		(inches) 0.60	0.64	0.71	0.78	0.88	0.88
Double Jacket	Cable Weight	(kg/km) 190	210	250	294	377	360
		(lb/kft) 128	141	168	198	253	241
Double Jacket	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

Cable Construction

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



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"/>	S1LAJE	<input type="checkbox"/>	<input type="checkbox"/>	A
0008-0036	<input type="checkbox"/>	<input type="checkbox"/>	T1LAJE	<input type="checkbox"/>	<input type="checkbox"/>	A
0038-0312	<input type="checkbox"/>	<input type="checkbox"/>	S1LAJE	<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**
H = G.652(d) Single-Mode Low Water Peak
Z = FTTP-Optimized Single-Mode Fiber
- 3 Jacket Design**
AJ = Single Armor-Single Jacket
SA = Single Armor-Double 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.
Double Armor designs are also available.

Example:

If you need a 36 count Dry FlexLink™ single armor/single jacket cable with Low Water Peak Single-Mode fiber and 0.40/0.30 attenuation, order Part Number 0036HCT1LAJEAJA.

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

