

FlexLink™ Dry

Loose Tube Cable for Aerial and Duct 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

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



FlexLink™ Dry

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

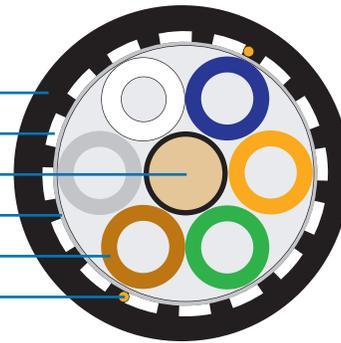
	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

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
Cable OD	(mm)	11.4	12.4	14.2	15.9	17.8	18.0
	(inches)	0.45	0.49	0.56	0.63	0.70	0.71
Cable Weight	(kg/km)	80.2	93.4	120.7	151.4	190.1	173.1
	(lb/kft)	53.8	62.6	80.9	101.5	127.5	116.1
Max. Length	(m)	12,800	12,800	12,800	12,235	9,566	9,402
	(ft)	41,984	41,984	41,984	40,141	31,384	30,846

Cable Construction

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



Ordering Information

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

Fiber Count	1	2	
0002-0006	<input type="checkbox"/>	<input type="checkbox"/>	S1LAJESJA
0008-0036	<input type="checkbox"/>	<input type="checkbox"/>	T1LAJESJA
0038-0312	<input type="checkbox"/>	<input type="checkbox"/>	S1LAJESJA

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

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™ Dry Water-Blocked Cable with Single-Mode fiber and 0.40/0.30 attenuation, order Part Number 0036GCT1LAJESJA.

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

