

Outside Plant

FlexLink™

LOOSE TUBE CABLE

for Aerial and Duct Applications

Features and Benefits

Dry Water Blocked Cable Core

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

Flexible Buffer Tubes

- > Increased flexibility and superior kink resistance
- > Facilitates route management in closures
- > Eliminates need for closure transportation tubes

Medium Density Polyethylene Jacket

- > Low friction installation
- > Excellent protection from environmental hazards

Sheath Markings

- > Custom print available

Reverse Oscillated Lay Stranding Method

- > Facilitates mid-span access of fibers

All-Dielectric Construction

- > No bonding or grounding required

Additional Options

- > Twisted copper pairs provide remote power or communications
- > Outer jacket can be produced with colored stripes
- > Factory-Installed pulling eye saves time when setting up for cable pulls

Performance

- > Meets or exceeds the 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
- > PE-90 compliant for applications that do not require mid-span tube storage (Dry FlexLink and other designs are available for these applications)

Registered Supplier

- > ISO 9001, ISO 14001, and TL 9000

Bend Radius

Dynamic	20 x Cable OD
Static	10 x Cable OD

Tensile Rating

	N	lbf
Installation	2700	600
Residual	800	200

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

Performance Specifications

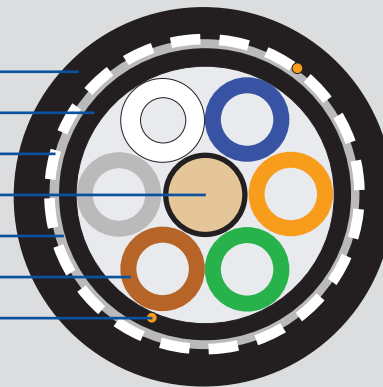


NOMINAL DESIGN PARAMETERS

Fiber Count		2-60	62-72	74-96	98-120	122-144	146-216	218-264	266-288	290-312	
Buffer Tube Count		5	6	8	10	12	18	22	24	26	
Buffer Tube OD	(mm)	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	
Single Jacket	Cable OD	(mm)	11.1	12.0	13.7	15.4	17.3	17.6	19.0	20.0	21.3
		(inches)	0.44	0.47	0.54	0.61	0.68	0.69	0.75	0.79	0.84
Single Jacket	Cable Weight	(kg/km)	82	98	125	158	197	191	228	255	285
		(lb/kft)	55	66	84	106	132	128	153	171	191
Single Jacket	Max. Length	(m)	12,800	12,800	12,800	12,636	10,013	9,675	8,302	7,493	6,605
		(ft)	41,984	41,984	41,984	41,446	32,843	31,734	27,231	24,577	21,664
Double Jacket	Cable OD	(mm)	13.0	13.7	15.4	17.1	19.0	--	--	--	--
		(inches)	0.51	0.54	0.61	0.67	0.75	--	--	--	--
Double Jacket	Cable Weight	(kg/km)	116	134	165	195	248	--	--	--	--
		(lb/kft)	78	90	111	131	167	--	--	--	--
Double Jacket	Max. Length	(m)	12,800	12,800	12,800	10,013	8,215	--	--	--	--
		(ft)	41,984	41,984	41,984	32,843	26,945	--	--	--	--

CABLE CONSTRUCTION

- [Polyethylene Outer Jacket](#)
- [Polyethylene Inner Jacket \(double jacket designs only\)](#)
- [Outer Strength Members \(where applicable\)](#)
- [Dielectric Central Strength Member](#)
- [Water Blocking Tape](#)
- [Gel-Filled 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		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
0038-0312	<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

H = G.652.D Single-Mode Low Water Peak
Z = Corning™ SMF-28e+ Fiber

3 Jacket Design

SJ = Single Jacket
DJ = Double Jacket

2 Attenuation

B = 0.35/0.35/0.25 dB/km @ 1310/1383/1550 nm
C = 0.40/0.40/0.30 dB/km @ 1310/1383/1550 nm

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

Example:

If you need a 36 count FlexLink™ single jacket cable with G.652.D LWP Single-Mode fiber and 0.40/0.40/0.30 attenuation, order Part Number 0036HCT1LAFESJA.

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

700 Industrial Drive, Lexington SC 29072 - (800) 669-0808 (Inside Sales) - Fax (800) 951-5040 - comm.cables@prysmian.com