

Outside Plant

Dry FlexLink™

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

All-Dielectric Construction

- > No bonding or grounding required (note: optional conductors are not dielectric)

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 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

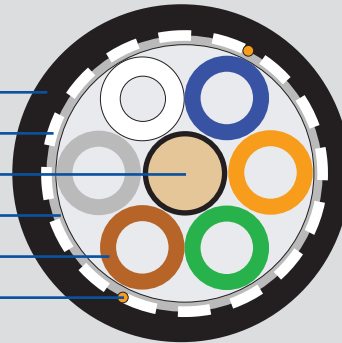
THE RIGHT CHOICE

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
Cable OD	(mm)	11.4	12.4	14.2	15.9	17.8	18.0	20.2	21.5
	(inches)	0.45	0.49	0.56	0.63	0.70	0.71	0.80	0.85
Cable Weight	(kg/km)	80.2	93.4	120.7	151.4	190.1	173.1	216.1	254.7
	(lb/kft)	53.8	62.6	80.9	101.5	127.5	116.1	144.9	170.8
Max. Length	(m)	12,800	12,800	12,800	12,235	9,566	9,402	6,994	6,364
	(ft)	41,984	41,984	41,984	40,141	31,384	30,846	22,940	20,874

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	2 Attenuation
H = G.652.D Single-Mode Low Water Peak	B = 0.35/0.35/0.25 dB/km @ 1310/1383/1550 nm
Z = Corning™ SMF-28e+ Fiber	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™ Dry Water-Blocked Cable with G.652.D LWP Single-Mode fiber and 0.40/0.40/0.30 attenuation, order Part Number 0036HCT1LAJESJA.

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