

Outside Plant

FirstLink™

INDOOR/OUTDOOR STRANDED LOOSE TUBE CABLE
for Transitional Aerial and Duct Applications

Features and Benefits

Indoor/Outdoor Design

- > Saves space and time by eliminating splices at the cable vault
- > Can be installed using typical loose tube cable methods and hardware

Dry Water-Blocking Technology

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

Flexible Buffer Tubes

- > Superior kink resistance
- > Increased flexibility
- > Facilitates route management in closures
- > Eliminates need for closure transportation tubing

Available in Two Different Flame Ratings

- > Riser rated design complies with UL 1666 and is OFNR and OFN-FT4 rated
- > Low-Smoke, Zero-Halogen design complies with UL 1685 and is OFN-LS and OFN-FT1 rated

Sheath Markings

- > Provide positive identification and length verification
- > Custom print available

Reverse Oscillated Lay Stranding Method

- > Facilitates mid-span access of fibers

Performance

- > Meets or exceeds the requirements of Telcordia GR-20, Issue 3, GR-409, and is tested in accordance with relevant EIA-455 series FOTPs for fiber optic cables

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

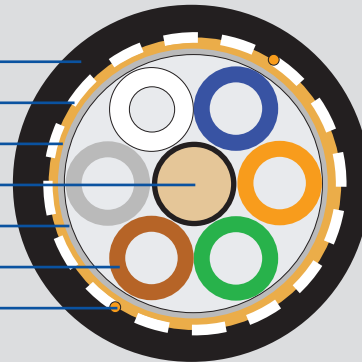


NOMINAL DESIGN PARAMETERS

Fiber Count		2-60	62-72	74-96	98-120	122-144	156-216	228-288
Buffer Tube Count		5	6	8	10	12	18	24
Max. Fibers/Tube		12	12	12	12	12	12	12
Buffer Tube OD	(mm)	2.65	2.65	2.65	2.65	2.65	2.65	2.65
	(inches)	0.104	0.104	0.104	0.104	0.104	0.104	0.104
Riser Cable OD	(mm)	12.55	12.65	14.35	16.05	17.95	18.25	20.95
	(inches)	0.49	0.50		0.63	0.71	0.72	0.82
Riser Cable Weight	(kg/km)	136	126	160	202	255	236	319
	(lb/kft)	91	85	108	136	171	159	214
LSZH Cable OD	(mm)	12.15	12.85	14.55	16.25	18.15	--	--
	(inches)	0.48	0.51	0.57	0.64	0.71	--	--
LSZH Cable Weight	(kg/km)	122	137	175	218	275	--	--
	(lb/kft)	82	92	118	146	185	--	--
Max. Length	(m)	12,800	12,800	12,800	11,633	9,302	8,045	6,668
	(ft)	41,984	41,984	41,984	38,156	30,511	26,388	21,871

CABLE CONSTRUCTION

- Flame Retardant Jacket
- Outer Strength Members
- Flame Retardant Tape
- 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	
0002-0006	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S1LAFE JA
0008-0036	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	T1LAFE JA
0038-0144	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S1LAFE JA
0156-0288	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S1LAFE R JA (Riser only)

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

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.

3 Jacket Flame Rating

- R = Riser Rated
- G = LSZH (Low-Smoke Zero-Halogen)

Example:

If you need a 36 count, Riser Rated FirstLink™ Cable with G.652.D LWP Single-Mode fiber and 0.40/0.40/0.30 attenuation, order Part Number 0036HCT1LAFERJA.

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