

# FlexLink™

Loose Tube Cable for Aerial and Duct Applications



## Features and Benefits

### 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 tubes

### 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

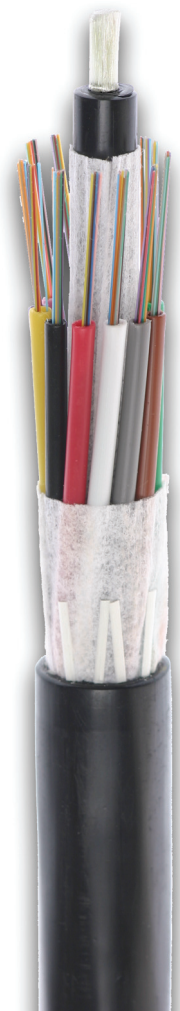
- Twisted copper pairs provide remote power or communications
- Factory-Installed pulling eye saves time when setting up for cable pulls

### Performance

- Meets or exceeds the 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
- Single-Jacket design is DUP (RUS) listed (both designs tested in accordance with PE-90)

### Registered Supplier

- ISO 9001, ISO 14001, and TL 9000



FlexLink™

### 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

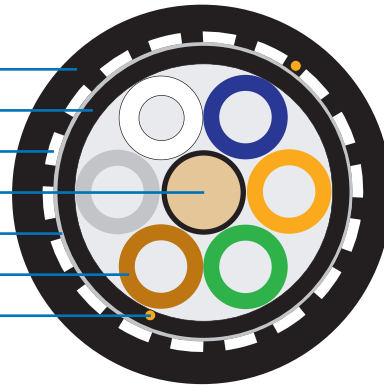
	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

## Nominal Design Parameters

Fiber Count		2-60	62-72	74-96	98-120	122-144	146-216	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	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

- [Outer Jacket](#)
- [Inner Jacket \(double jacket designs only\)](#)
- [Outer Strength Members \(where applicable\)](#)
- [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**  
 G = G.652 Single-Mode  
 H = G.652(d) Single-Mode Low Water Peak
- 3 Jacket Design**  
 SJ= Single Jacket  
 DJ= Double Jacket (no Armor)

- 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™ single jacket cable with Single-Mode fiber and 0.40/0.30 attenuation, order Part Number 0036GCT1LAFESJA.

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@us.pirelli.com

