

# Outside Plant

# FlexLink™ Double Armored

## STRANDED LOOSE TUBE CABLE

for Aerial, Duct and Direct-Buried 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
- > Eliminates need for closure transportation tubing

#### Two Layers of Corrugated Steel Armor

- > Provides additional mechanical protection

#### Medium Density Polyethylene Jacket

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

#### Sheath Markings

- > 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 3 and ICEA 640, and is tested in accordance with relevant EIA/TIA-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	180

#### Crush Resistance

	N/cm	lbf/in
Short Term/Long Term	440/220	250/125

#### 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



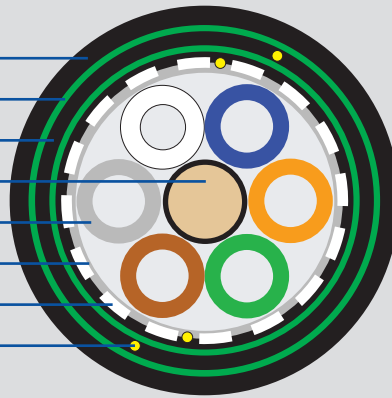
### Performance Specifications

## NOMINAL DESIGN PARAMETERS

Fiber Count		2-60	62-72	74-96	98-120	122-144
Buffer Tube Count		5	6	8	10	12
Buffer Tube OD		(mm) 2.65	2.65	2.65	2.65	2.65
Double Jacket	Cable OD	(mm) 16.8	18.3	20.0	21.9	23.8
		(inches) 0.66	0.72	0.79	0.86	0.94
Double Jacket	Cable Weight	(kg/km) 276	319	362	427	494
		(lb/kft) 185	214	243	286	331
Double Jacket	Max. Length	(m) 9,675	8,045	6,994	5,715	5,246
		(ft) 31,734	26,388	22,940	18,745	17,207
Triple Jacket	Cable OD	(mm) 19.7	20.6	22.3	24.0	25.9
		(inches) 0.78	0.81	0.88	0.94	1.02
Triple Jacket	Cable Weight	(kg/km) 358	385	443	507	575
		(lb/kft) 240	258	297	340	385
Triple Jacket	Max. Length	(m) 6,994	6,994	5,715	5,246	4,504
		(ft) 22,940	22,940	18,745	17,207	14,775

## CABLE CONSTRUCTION

- Outer Jacket
- Corrugated Steel Armor (typical)
- Inner Jacket (typical)
- Central Strength Member
- Gel-Filled Buffer Tube Containing up to 12 Fibers
- Water Blocking Tape
- Outer Strength Members (where applicable)
- Ripcord (typical)



## 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	A
0008-0036	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A
0038-0144	<input type="checkbox"/>	<input type="checkbox"/>	<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

- AD = Double Armor-Double Jacket
- DA = Double Armor-Triple 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™ double armor/double jacket cable with G.652.D LWP Single-Mode fiber and 0.40/0.40/0.30 attenuation, order Part Number 0036HCT1LAFEADA.

## 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](mailto:comm.cables@prysmian.com)