

# Outside Plant

## MiniLink™

REDUCED DIAMETER STRANDED LOOSE TUBE CABLE  
for Aerial and Duct Applications

### Features and Benefits

#### Compact, Light-Weight Design

- > Easy for craftspeople to handle and install
- > Saves space in crowded locations

#### Precision-Engineered

- > High-strength materials ensure mechanical performance
- > High-performance design provides GR-20 compliant performance

#### Stranded Tube Design

- > Craft-friendly, standard loose tube construction
- > Reverse Oscillating Lay (ROL) facilitates mid-span access

#### Dry Water-Blocking Technology

- > 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

#### Tracer Wire Available

- > Allows tone location of cable

#### Performance

- > Meets 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

#### 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

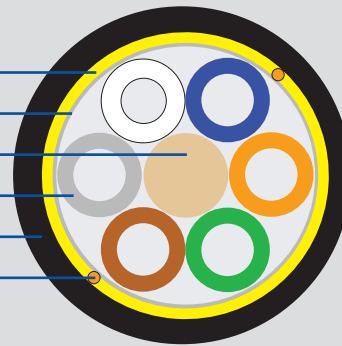


## NOMINAL DESIGN PARAMETERS

Fiber Count		2-72	74-96	98-144
Buffer Tube Count		6	8	12
Max. Fibers/Tube		12	12	12
Buffer Tube OD	(mm)	1.9	1.9	1.9
	(inches)	0.075	0.075	0.075
Cable OD	(mm)	8.9	10.4	12.5
	(inches)	0.35	0.41	0.49
Cable Weight	(kg/km)	60	85	119
	(lb/kft)	40	57	80
Max. Length	(m)	14,000	23,480	21,167
	(ft)	45,920	77,014	69,427

## CABLE CONSTRUCTION

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



## ORDERING INFORMATION

Select a part number according to the fiber count you want:

Fiber Count	<b>1</b>	<b>2</b>	
0002-0006	<input type="checkbox"/>	<input type="checkbox"/>	S1LAVESJA
0008-0036	<input type="checkbox"/>	<input type="checkbox"/>	T1LAVESJA
0038-0144	<input type="checkbox"/>	<input type="checkbox"/>	S1LAVESJA

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.

### Example:

If you need a 36 count MiniLink™ Loose Tube Cable with G.652.D LWP Single-Mode fiber and 0.40/0.40/0.30 attenuation, order Part Number 0036HCT1LAVESJA.

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)