

# Outside Plant

## CentraLink™ Armored

### CENTRAL LOOSE TUBE CABLE

for Aerial, Duct and Direct-Buried Applications

#### Features and Benefits

##### Corrugated Steel Armor

- > Provides additional mechanical protection

##### No Strength Members Embedded in the Jacket

- > Jacket and armor can be removed from the end in a single step
- > Mid-span access is safer and easier

##### Reduced Diameter Buffer Tube

- > Smaller than conventional Central Loose Tubes with similar fiber counts
- > Increased flexibility facilitates route management in closures

##### Dry Water-Blocking Technology

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

##### Medium Density Polyethylene Jacket

- > Low friction installation
- > Easier to open than other designs which use High Density Polyethylene (HDPE)

##### Sheath Markings

- > Provide positive identification and length verification
- > Custom print available
- > Optional embedded stripe available for additional cable identification

##### 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
- > 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

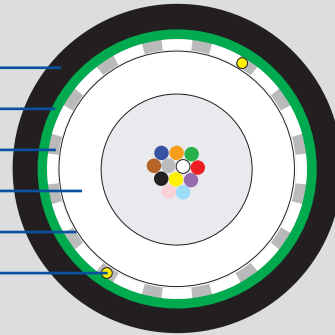


## NOMINAL DESIGN PARAMETERS

<b>Fiber Count</b>	<b>min</b>	<b>max</b>
	2	12
<b>Buffer Tube OD</b>	<b>mm</b>	<b>inches</b>
	4.1	0.16
<b>Cable OD</b>	<b>mm</b>	<b>inches</b>
	10.7	0.42
<b>Cable Weight</b>	<b>kg/km</b>	<b>lbs/kft</b>
	115	77
<b>Maximum Length</b>	<b>m</b>	<b>ft</b>
	12,800	41,984

## CABLE CONSTRUCTION

[Outer Jacket](#)  
[Corrugated Steel Armor](#)  
[Water Blocking Strength Members](#)  
[Gel-Filled Buffer Tube Containing up to 12 Fibers](#)  
[Water Blocking Tape](#)  
[Ripcord](#)



## ORDERING INFORMATION

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

Fiber Count  1  2

0002-0012   S1LABNAJB

Then, use the following options to complete the part number:

**Fiber Type**

H = G.652.D Single-Mode Low Water Peak

Z = Corning™ SMF-28e+ Fiber

**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 6 fiber CentralLink™ cable with G.652.D LWP Single-Mode fiber and 0.40/0.40/0.30 attenuation, order Part Number 0006HCS1LABNAJB.

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)