

# Outside Plant

## CentraLink™ Double Armored

### CENTRAL LOOSE TUBE CABLE

for Aerial, Duct and Direct-Buried Applications

#### Features and Benefits

##### Two Layers of Corrugated Steel Armor

- > Provides additional mechanical protection

##### Dry Water-Blocking Technology

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

##### Flexible Buffer Tube

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

##### 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

##### 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

##### 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 | 440/220 | 250/125 |

##### Temperature Ratings

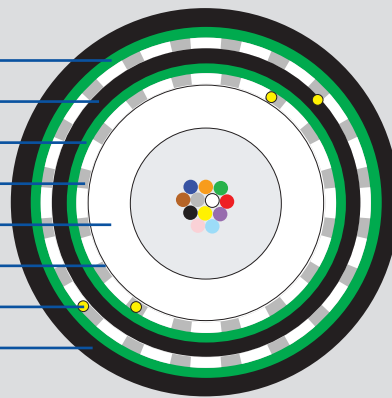
|                  | °C         | °F          |
|------------------|------------|-------------|
| Operation        | -40 to +70 | -40 to +158 |
| Installation     | -30 to +60 | -22 to +140 |
| Storage/Shipping | -40 to +75 | -40 to +167 |

## 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>  |
|                       | 13.4         | 0.53           |
| <b>Cable Weight</b>   | <b>kg/km</b> | <b>lbs/kft</b> |
|                       | 200          | 134            |
| <b>Maximum Length</b> | <b>m</b>     | <b>ft</b>      |
|                       | 12,800       | 41,984         |

## CABLE CONSTRUCTION

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



## ORDERING INFORMATION

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

Fiber Count **1** **2**  
 0002-0012   S1LABNADB

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 6 fiber Centralink™ Double-Armor/Double Jacket cable with G.652.D LWP Single-Mode fiber and 0.40/0.40/0.30 attenuation, order Part Number 0006HCS1LABNADB.

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)