

Outside Plant

CentraLink™ CD Armored

COMPACT 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

Compact Design

- > Smaller diameter than conventional armored Central Loose Tube designs
- > Increases closure utilization without compromising performance

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

- > 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

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

Performance Specifications

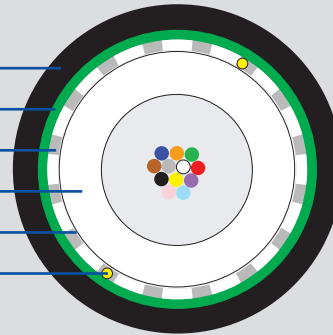


NOMINAL DESIGN PARAMETERS

Fiber Count	min	max
	2	12
Buffer Tube OD	mm	inches
	2.8	0.11
Cable OD	mm	inches
	9.1	0.36
Cable Weight	kg/km	lbs/kft
	93	62
Maximum Length	m	ft
	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 S1LACNAJB

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™ CD cable with G.652.D LWP Single-Mode fiber and 0.40/0.40/0.30 attenuation, order Part Number 0006HCS1LACNAJB.

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