

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

- 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 2 and ICEA 640, and is tested in accordance with relevant EIA/TIA-455 series FOTPs for fiber optic cables
- Tested in accordance with PE-90

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000



CentraLink™ CD Armored

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 | 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

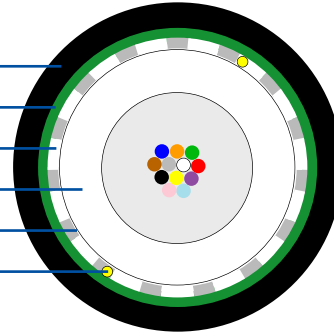
Corrugated Steel Armor

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 SILACNAJB

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

1 Fiber Type

G = G.652 Single-Mode

H = G.652(d) Single-Mode Low Water Peak

2 Attenuation

B = 0.35/0.25 dB/km @ 1310/1550 nm

C = 0.40/0.30 dB/km @ 1310/1550 nm

Note: Please call if you have special requirements for fiber type or attenuation.

Example:

If you need a 6 fiber CentraLink™ CD cable with Single-Mode fiber and 0.40/0.30 attenuation, order Part Number 0006GCS1LACNAJB.

To place an order please contact us in one of the following ways:

Telephone (800) 669-0808 (Inside Sales)

Fax (800) 951-5040

comm.cables@prysmian.com

