

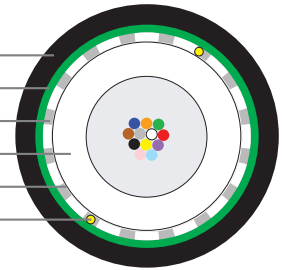


CentraLink™ CD Armored

Compact Central Loose Tube Cable for Aerial, Duct and Direct-Buried Applications



- MDPE Outer Jacket
- Corrugated Steel Armor
- Water Blocking Strength Members
- Gel-Filled Buffer Tube Containing up to 12 Fibers
- Water Blocking Tape
- Ripcord



Features and Benefits

ezPrep® 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, and ICEA 640, and is tested in accordance with relevant EIA/TIA-455 series
- 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/ 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 to 12
Buffer Tube OD	(mm)	2.8
	(inches)	0.11
Cable OD	(mm)	9.1
	(inches)	0.36
Cable Weight	(kg/km)	93
	(lb/kft)	62
Max. Length	(m)	12,800
	(ft)	41,984

Ordering Guide The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below.

Example: If you need a 6 fiber CentraLink™ CD armored cable with G.652.D LWP single-mode fiber and 0.35/0.35/0.25 attenuation.



PART NUMBER CONSTRUCTION

1 LENGTH MARKINGS
F = Feet or M = Meters
2 PRODUCT FAMILY
CL6= CentraLink™ CD
3 CONSTRUCTION
1A1J = Single Armor, Single Jacket
4 FIBER GROUPING
12 = 12f per unit or tube

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

FIBER INFORMATION

5 FIBER TYPE				
SINGLE-MODE				
HB = Single-Mode (ITU G.652 C & D) Low Water Peak				
ES = Enhanced Single-Mode (ITU G.652 C & D)				
CE = Corning™ SMF28e+ Single-Mode				
MULTIMODE	Wavelength (nm)	Bandwidth (MHz)	1 GbE Dist (m)	10 GbE Dist (m)
G6 = OM1 (62.5µm)	850/1300	200/500	300/550	33/___
G5 = OM2+ BIF (50µm)	850/1300	700/500	800	150/___
G3 = OM3 BIF (50µm)	850/1300	1500/500	1000	300/___
G4 = OM4 BIF (50µm)	850/1300	3500/500	1100	550/___
6 FIBER COUNT				
002 to 012 fibers				

7 FIBER GRADE				
SINGLE-MODE			MULTIMODE	
Attenuation (dB/km)	Wavelength (nm)	Fiber Type	Attenuation (dB/km)	Wavelength (nm)
E1 = 0.40/0.40/0.30	1310/1383/1550	HB, ES, or CE	M2 = 3.5/1.0	850/1300
E3 = 0.35/0.35/0.25	1310/1383/1550	HB, ES, CE, BB, or BBXS	M3 = 3.0/1.0	850/1300

Other cable constructions and fiber performance grades available on request.

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