

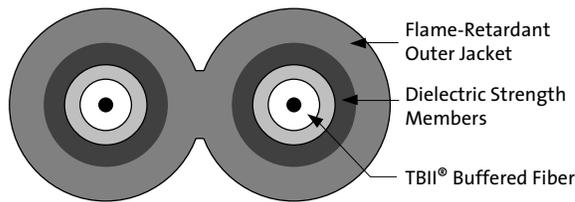
2-Fiber Zipcord Riser Cables

A LANscape® Solutions Product

Corning
Cable Systems

Description

Corning Cable Systems Zipcord Cable utilizes two 900 µm TBII® Buffered Fibers surrounded by aramid yarn strength members with a flame-retardant jacket. This cable meets the application requirements of the National Electrical Code® (NEC® Article 770) and is listed as Type OFNR and CSA FT-4. Zipcord cable is ideal for interconnect applications and is available with approval for TEMPEST applications.



Drawing CPC-220/1/56



2-Fiber Zipcord Riser Cable | Photo CLT26

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Operation: 0° to +70°C (+32° to +158°F)
Fiber Types (Core/Cladding Diameters)	62.5/125 µm, 50/125 µm, single-mode
Buffering Diameter	900 µm
Approvals and Listings	National Electrical Code® (NEC®) OFNR, CSA FT-4, ICEA S-83-596
Flame Resistance	UL-1666 (for riser and general building applications)

Fiber Count	Nominal Outer Diameter mm (in)	Nominal Weight kg/km (lb/1000 ft)	Maximum Tensile Loads		Minimum Bend Radius	
			Short-Term N (lbf)	Long-Term N (lbf)	Loaded cm (in)	Installed cm (in)
2	2.8 x 5.6 (0.11 x 0.22)	13 (8.5)	220 (48)	66 (15)	5.0 (2.0)	2.5 (1.0)
2	2.0 x 4.0 (0.07 x 0.14)	6.7 (4.5)	220 (48)	66 (15)	5.0 (2.0)	2.5 (1.0)
2	1.6 x 3.3 (0.06 x 0.13)	4.6 (3.1)	220 (48)	45 (10)	5.0 (2.0)	2.5 (1.0)

Note: Installed minimum bend radius of 20 mm is acceptable with a length no longer than 1 meter subjected to the bend.



Transmission Performance

Fiber Code	K	C	S	S	E
Performance Option Code	41	31	80	90	31
Fiber Type	62.5/125 μm (850/1300 nm)	50/125 μm (850/1300 nm)	50/125 μm (850/1300 nm)	50/125 μm (850/1300 nm)	Single-mode (1310/1383/1550 nm)
Maximum Attenuation (dB/km)	3.75/1.5	3.5/1.5	3.0/1.5	3.0/1.5	1.0/1.0/0.75
Minimum LED Bandwidth (MHz•km)	160/500	500/500	1500/500	1500/500	- / - / -
Minimum Effective Modal Bandwidth (MHz•km)	*- / -	*510/ -	**2000/ -	***4700/ -	- / - / -
Serial Gigabit Ethernet Distance (m)	220/550	600/600	1000/600	1000/600	5000/ - / -
Serial 10 Gigabit Ethernet Distance (m)	26/ -	82/ -	300/ -	****550/ -	10000/40000

* As predicted by RML BW, per TIA/EIA 455-204 and IEC 60793-1-41, for intermediate performance laser-based systems (up to 1 Gb/s).

** As predicted by minEMBc, per TIA/EIA 455-220 and IEC 60793-1-49, for high performance laser-based systems (up to 10 Gb/s).

*** As predicted by minEMBc, per TIA/EIA 455-220 and IEC 60793-1-49, for high performance laser-based systems (up to 10 Gb/s).

**** The 550 m distance is equivalent to a 4700 EMB system with standards-compliant transceiver and fiber characteristics, 3.0 dB/km cable attenuation and 1.0 dB total connector loss.

Ordering Information

Contact Customer Service for other options.

0 0 2 □ 5 1 - 3 1 □ □ □ - 2 4
 1 2 3 4 5 6 7 8 9 10 11 12 13 14

1 - 3 Defines fiber count (002).

4 Select fiber code (see Transmission Performance Table).

5 / 12 Defines cable type.

5/- = Two-fiber zipcord cable

6 Defines outer jacket.

1 = Riser

7 / 8 Defines fiber placement and markings.

31 = Two-fiber zipcord cable, feet markings

9 Select diameter options.

1 = 2.8 mm

3 = 2.0 mm

4 = 1.6 mm

10 - 11 Select performance option code

(see Transmission Performance Table).

13 - 14 Defines special manufacturing code.

24 = Standard for two-fiber riser zipcord cable



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