

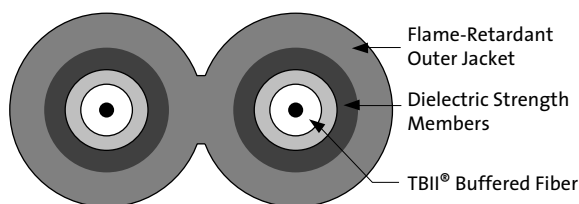
2-Fiber Zipcord Riser Cables

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 TLA/ELA 455-204 and IEC 60793-1-41, for intermediate performance laser-based systems (up to 1 Gb/s).

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

*** As predicted by minEMBc, per TLA/ELA 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

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA

1-800-743-2675 • FAX: +1-828-901-5973 • International: +1-828-901-5000 • <http://www.corning.com/cablesystems>

Corning Cable Systems reserves the right to improve, enhance and modify the features and specifications of Corning Cable Systems products without prior notification. LANscape and TBII are registered trademarks of Corning Cable Systems Brands, Inc. Discovering Beyond Imagination is a trademark of Corning Incorporated. All other trademarks are the properties of their respective owners. Corning Cable Systems is ISO 9001 certified. © 2001, 2005 Corning Cable Systems. All rights reserved. Published in the USA. LAN-83-EN / July 2005 / pdf