

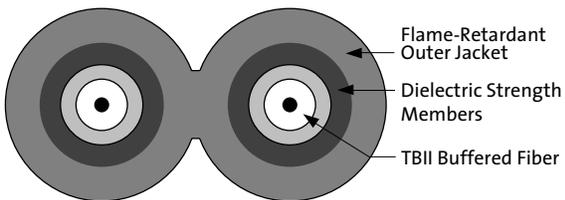
2-Fiber Zipcord Plenum Cables

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 flexible flame-retardant jacket. This cable meets the application requirements of the National Electrical Code® (NEC® Article 770) and is listed as Type OFNP and CSA FT-6. Zipcord cable is ideal for interconnect applications within plenum areas.



Drawing CPC-220/1/56



2-Fiber Zipcord Plenum Cable | Photo CLT26

Specifications

Fiber Types (Core/Cladding Diameters)	62.5/125 µm, 50/125 µm, single-mode
Buffering Diameter	900 µm
Storage Temperature	-40° to +70°C (-40° to +158°F)
Operating Temperature	0° to +70°C (+32° to +158°F)
Approvals and Listings	NEC OFNP, CSA FT-6, ICEA S-83-596
Flame Resistance	NFPA 262 (for plenum, 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)	15 (10)	220 (48)	66 (15)	5.0 (2.0)	2.5 (1.0)
2	2.0 x 4.0 (0.07 x 0.14)	8.4 (5.6)	220 (48)	66 (15)	5.0 (2.0)	2.5 (1.0)
2	1.6 x 3.3 (0.06 x 0.13)	4.3 (2.9)	220 (48)	66 (15)	5.0 (2.0)	2.5 (1.0)

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Transmission Performance

Fiber Type	62.5/125 μm (850/1300 nm)	50/125 μm (850/1300 nm)	50/125 μm (850/1300 nm)	Single-mode (1310/1550 nm)
Performance Option Code	41	31	80	31
Maximum Attenuation (dB/km)	3.75/1.5	3.5/1.5	3.5/1.5	1.0/0.75
Typical Attenuation (db/km)	3.0/1.0	3.0/1.0	3.0/1.0	0.5/0.4
Minimum LED Bandwidth (MHz•km)	160/500	500/500	1500/500	– / –
Minimum Effective Modal Bandwidth (MHz•km)	– / – *	510/ – *	2000/ – **	– / – **
Serial Gigabit Ethernet Distance (m)	220/550	600/600	1000/600	5000/ –
Serial 10 Gigabit Ethernet Distance (m)	26/ –	82/ –	300/ –	10000/40000

*EMB when deployed with 850 nm, 1 Gb/s VCSELs, as predicted by RML Bandwidth using FOTP-204.

**EMB when deployed with 850 nm, 10 Gb/s VCSELs, as predicted by DMD method using FOTP-220.

Ordering Information

002 58 - 31 - 24
1 **2** **3**

1 Select fiber type.

K = 62.5/125 μm
C = 50/125 μm (use with
performance option code 31)
S = 50/125 μm (use with
performance option code 80)
R = Single-mode

2 Select cable outside diameter.

1 = 2.8 mm
3 = 2.0 mm
4 = 1.6 mm

3 Select performance option code.

41 = 62.5/125 μm
31 = 50/125 μm
80 = 50/125 μm
31 = Single-mode

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