

# Zipcord Riser Cables, 2-Fiber

A LANscape®  
Solutions Product

## features and benefits |

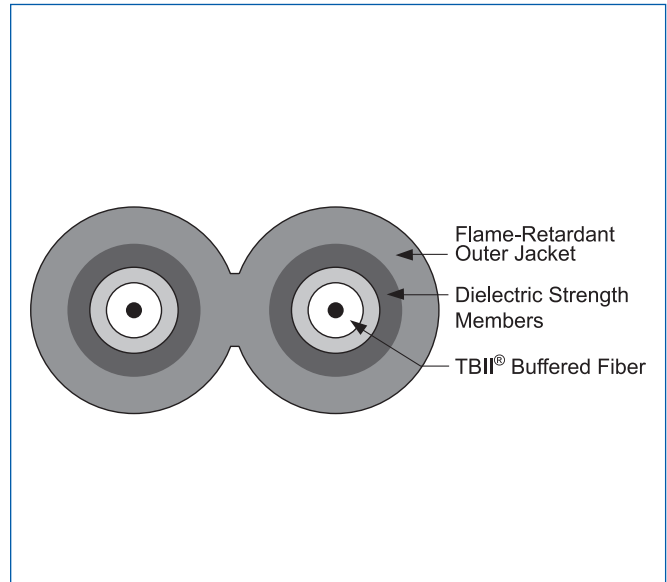
**Meets NEC® requirements** Meets burn test criteria

**All-dielectric strength member** Mechanical durability

Corning Cable Systems Zipcord Riser Cables are designed for interconnect applications. Two 900 µm TBII® Buffered Fibers are surrounded by aramid yarn strength members and a flame-retardant jacket. This cable design offers mechanical durability and flame resistance that meets UL-1666 requirements for riser and general building applications. This cable also meets requirements of the National Electric Code® (NEC®) Article 770 and the cables are OFNR and CSA FT-4 listed.



Zipcord Riser Cable, 2-Fiber | Photo CLT26



Zipcord Riser Cable, 2-Fiber | Drawing CP-220/1/56

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## specifications |

<b>Maximum Tensile Loads</b>	Short-Term: 220 N (50 lbf) Long-Term: 66 N (15 lbf)
<b>Temperatures</b>	Storage: -40° to +70°C (-40° to +158°F) Operation: -20° to +70°C (-4° to +158°F)
<b>Approvals and Listings</b>	National Electrical Code® (NEC®) OFNR, CSA FT-4, ICEA S-83-596
<b>Flame Resistance</b>	UL-1666 (for riser and general building applications)
<b>Fiber Types (Core/Cladding Diameters)</b>	50/125 µm, 62.5/125 µm, single-mode
<b>Buffering Diameter</b>	900 µm

Fiber Count	Nominal Outside Diameter mm (in)	Nominal Cable Weight kg/km (lb/1000 ft)	Minimum Bend Radius		
			Loaded cm (in)	Installed – cm (in)	
				Single-mode	Multimode
2	2.8 x 5.6 (0.11 x 0.22)	12.8 (8.5)	5.0 (2.0)	2.5 (1.0)	1.4 (0.55)
2	2.0 x 4.0 (0.08 x 0.16)	6.7 (4.5)	5.0 (2.0)	2.5 (1.0)	1.0 (0.40)
2	1.6 x 3.3 (0.06 x 0.13)	4.6 (3.1)	5.0 (2.0)	2.5 (1.0)	0.8 (0.30)

Note:

Installed single-mode minimum bend radius of 20 mm is acceptable with a length no longer than 1 m subjected to the bend.

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## transmission performance |

	LANscape® 62.5 Solutions	LANscape 62.5 Solutions	LANscape Pretium® 150 Solutions	LANscape Pretium 300 Solutions	LANscape Pretium 550 Solutions	LANscape Pretium 600 Solutions	Single-Mode
Fiber Code	K	K	T	T	T	T	E
Performance Option Code	41	30	31	80	90	91	31
Optical Fiber Type (µm)	62.5 Multimode	62.5 Multimode	50 Multimode	50 Multimode	50 Multimode	50 Multimode	Single-mode****
ISO/IEC 11801 Nomenclature	OM1	OM1	OM2	OM3***	OM4***	OM4***	OS2
Wavelength (nm)	850/1300	850/1300	850/1300	850/1300	850/1300	850/1300	1310/1383/1550
Maximum Attenuation (dB/km)	3.4/1.0	3.4/1.0	2.8/1.0	2.8/1.0	2.8/1.0	2.8/1.0	0.65/0.65/0.50
Minimum Over Filled Launch (OFL) Bandwidth (MHz•km)	160/500	200/500	700/500	1500/500	3500/500	3500/500	- / - / -
Minimum Effective Modal Bandwidth (EMB) (MHz•km)	- / -	220/ -	950/ -	2000/ -	4700/ -	5350/ -	- / - / -
Serial 1 Gigabit Ethernet Distance (m)	220/550	300/550	750/600	1000/600	1000/600	1000/600	5000 / - / -
Serial 10 Gigabit Ethernet Distance (m)	26/ -	33/ -	150/ -	300/ -	550*/ -	600**/ -	10000/ - /40000

\* Assumes 1.0 dB maximum total connector/splice loss.

\*\* Assumes 0.7 dB maximum total connector/splice loss.

\*\*\* Meets 0.75 ns optical skew when used in all Corning Cable Systems Plug & Play™ Systems solutions.

\*\*\*\* ITU 652.D compliant.

### Notes:

- 1) Improved attenuation and bandwidth options available.
- 2) Bend-insensitive single-mode fibers available on request.
- 3) Contact a Corning Cable Systems Customer Service Representative for additional information.
- 4) 50 µm multimode fiber macrobend loss ≤ 0.2 dB at 850 nm for 2 turns around 7.5 mm radius mandrel.

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ordering information | Contact Customer Service at 800-743-2671 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 / - = Zipcord

## |6

Defines outer jacket.  
1 = Riser

## |7-8

Defines fiber placement and markings.  
31 = Zipcord cable, 2-fiber; feet markings

## |9

Select diameter.  
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 zipcord cables, 2-fiber

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