

Zipcord Riser Cables, 2-Fiber

A LANscape®
Solutions Product

features and benefits |

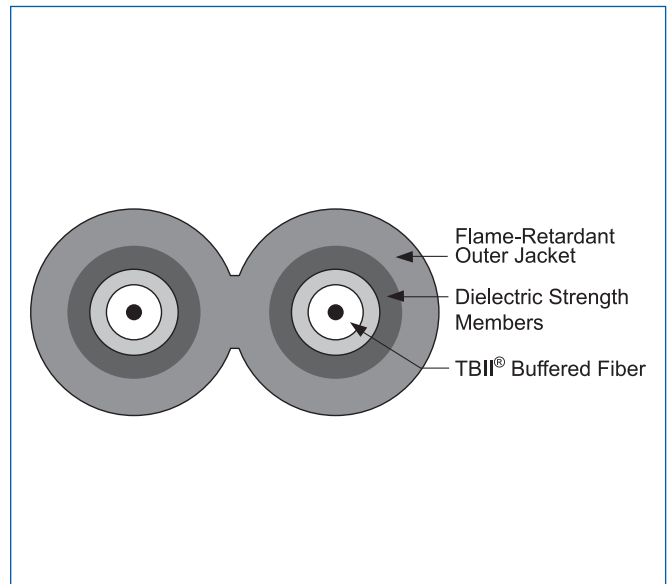
Meet NEC® requirements Meets burn test criteria

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 |

| | |
|--|--|
| Temperatures | Storage: -40° to +70°C (-40° to +158°F) Operation: 0° to +70°C (-32° to +158°F) |
| Fiber Types (Core/Cladding Diameters) | 50/125 µm, 62.5/125 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 Outside 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) | 12.8 (8.5) | 220 (48) | 66 (15) | 5.0 (2.0) | 2.5 (1.0) |
| 2 | 2.0 x 4.0 (0.08 x 0.16) | 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) | 66 (15) | 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 m subjected to the bend.

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transmission performance |

| | LANscape® 62.5 Solutions | LANscape® 62.5 Solutions | Pretium™ 150 Solutions | Pretium 300 Solutions | Pretium 550 Solutions | Pretium 600 Solutions | Single-Mode | Bend-Improved Single-Mode |
|---|-----------------------------|-----------------------------|---------------------------|--------------------------|--------------------------|--------------------------|-----------------|-----------------------------------|
| Fiber Code | K | K | C | S | S | S | E | H |
| Performance Option Code | 41 | 30 | 31 | 0 | 90 | 91 | 31 | 31 |
| Optical Fiber Type (µm) | 62.5 Multimode | 62.5 Multimode | 50 Multimode | 50 Multimode | 50 Multimode | 50 Multimode | Single-mode**** | Bend-Improved Single-mode***** |
| ISO/IEC 11801 Nomenclature | OM1 | OM1 | OM2 | OM3*** | OM3*** | OM3*** | OS2 | OS2 |
| Wavelength (nm) | 850/1300 | 850/1300 | 850/1300 | 850/1300 | 850/1300 | 850/1300 | 1310/1383/1550 | 1310/1383/1550 |
| Maximum Attenuation (dB/km) | 3.4/1.0 | 3.4/1.0 | 3.0/1.0 | 3.0/1.0 | 3.0/1.0 | 3.0/1.0 | 0.65/0.65/0.5 | 0.65/0.65/0.5 |
| Minimum Over Filled Launch (OFL) Bandwidth (MHz·km) | 160/500 | 200/500 | 700/500 | 1500/500 | 1500/500 | 1500/500 | - / - / - | - / - / - |
| Minimum Effective Modal Bandwidth (EMB) (MHz·km) | - / - | 220/ - | 950/ - | 2000/ - | 4700/ - | 5350/ - | - / - / - | - / - / - |
| Serial 1 Gig Distance (m) | 220/550 | 300/550 | 750/600 | 1000/600 | 1000/600 | 1000/600 | 5000 / - / - | 5000 / - / - |
| Serial 10 Gig Distance (m) | 26/ - | 33/ - | 150/ - | 300/ - | 550*/ - | 600**/ - | 10000/ - /40000 | 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™ solutions.

**** ITU 652.D compliant.

***** ITU 652.D compliant, ITU 657.A compliant.

Notes:

- 1) Improved attenuation and bandwidth options available.
- 2) Bend-insensitive single-mode fibers available on request.
- 3) Contact Corning Cable Systems Customer Service Representative for additional information.

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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 length markings.
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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