

Reel In A Box, Zipcord Tight-Buffered Cable, Riser

CORNING

Features and Benefits

"Countdown" print indicates available cable remaining on the reel providing easier inventory management

Stackable boxes make storage more manageable

Smaller reel offerings mean smaller cable lengths than would normally be available

Cable cutting at Corning lowers operating expenses for our distributors and end users

Reel in a Box is Corning's innovative packaging solution for small reels of fiber optic cable in all inside plant applications, such as collocation data centers and wireless projects. This packaging solution provides features that enable our customers greater efficiencies than before.

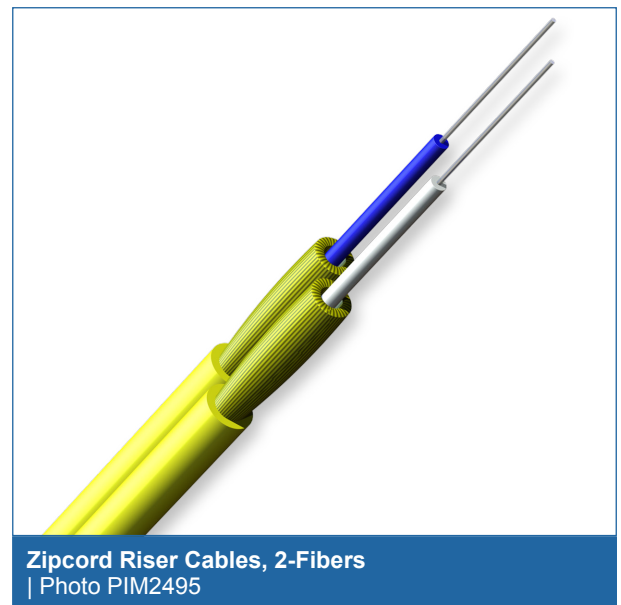
Corning zipcord cables are designed for interconnect applications. Two 900 μm TBII® buffered fibers are surrounded by aramid yarn strength members and a flame-retardant jacket. This cable design offers mechanical durability and flame resistance that meet the requirements of the National Electrical Code® (NEC) Article 770.

Standards

Approval and Listings	National Electrical Code® (NEC®) OFNR, CSA FT-4, ICEA S-83-596
Flame Resistance	UL-1666 (for riser and general building applications)



Reel In A Box, Zipcord Riser Cables

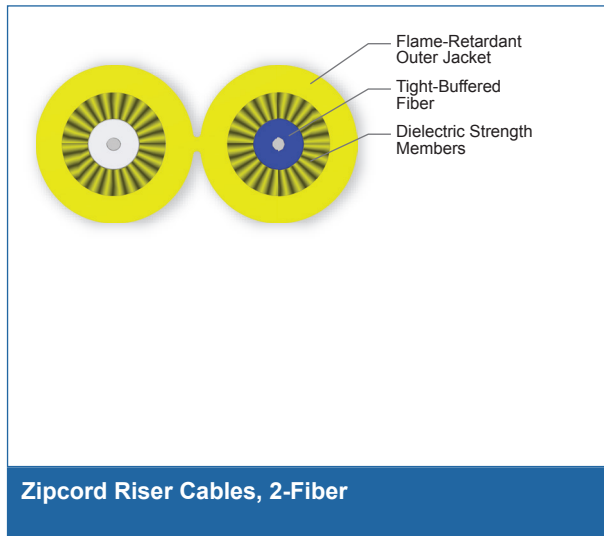


Zipcord Riser Cables, 2-Fibers
| Photo PIM2495

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Specifications

Temperature Range	
Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Operation	-20 °C to 70 °C (-4 °F to 158 °F)

* Note: Corning recommends storing cable in a proper temperature environment prior to installation to allow the cable temperature to meet installation temperature range specifications for best installation results.

Max. Tensile Strength, Short-Term	220 N (50 lbf)
Max. Tensile Strength, Long-Term	66 N (15 lbf)

Mechanical Characteristics Cable					
Fiber Count	Nominal Outer Diameter	Min. Bend Radius Installation	Min. Bend Radius Operation	Weight	Product Type
Multimode					
2	1.6 mm x 3.3 mm (0.06 in x 0.13 in)	50 mm (2 in)	8 mm (0.3 in)	4.6 kg/km (3.1 lb/1000 ft)	Interconnect
2	2.8 mm x 5.6 mm (0.11 in x 0.22 in)	50 mm (2 in)	14 mm (0.55 in)	12.8 kg/km (8.5 lb/1000 ft)	Interconnect
2	2.0 mm x 4 mm (0.08 in x 0.16 in)	50 mm (2 in)	10 mm (0.4 in)	6.7 kg/km (4.5 lb/1000 ft)	Interconnect

* 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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Mechanical Characteristics Cable

Fiber Count	Nominal Outer Diameter	Min. Bend Radius Installation	Min. Bend Radius Operation	Weight	Product Type
Single-Mode					
2	1.6 mm x 3.3 mm (0.06 in x 0.13 in)	50 mm (2 in)	25 mm (1 in)	4.6 kg/km (3.1 lb/1000 ft)	Interconnect
2	2.0 mm x 4 mm (0.08 in x 0.16 in)	50 mm (2 in)	25 mm (1 in)	6.7 kg/km (4.5 lb/1000 ft)	Interconnect
2	2.8 mm x 5.6 mm (0.11 in x 0.22 in)	50 mm (2 in)	25 mm (1 in)	12.8 kg/km (8.5 lb/1000 ft)	Interconnect

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

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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Transmission Performance

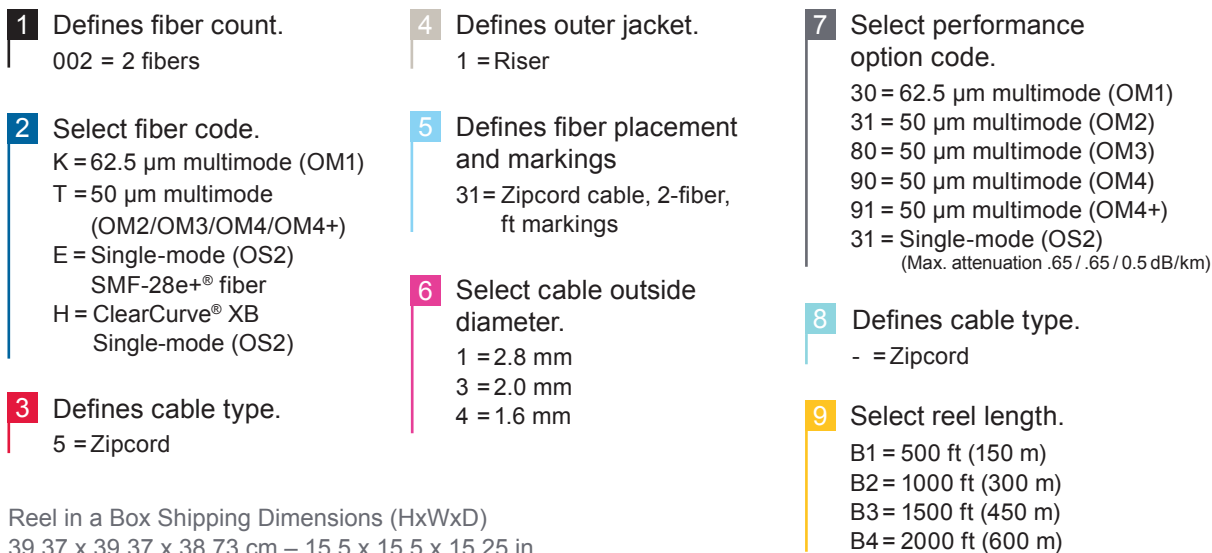
Multimode					
Fiber Core Diameter (μm)	62.5	50	50	50	50
Fiber Category	OM1	OM2	OM3	OM4	OM4 Extended Distance
Fiber Code	K	T	T	T	T
Performance Option Code	30	31	80	90	91
Wavelengths (nm)	850/1300	850/1300	850/1300	850/1300	850/1300
Maximum Attenuation (dB/km)	3.4/1.0	2.8/1.0	2.8/1.0	2.8/1.0	2.8/1.0
Serial 1 Gigabit Ethernet (m)	200/500	750/600	1000/600	1100/600	1100/600
Serial 10 Gigabit Ethernet (m)	220/-	150/-	300/-	550/-	600/-
Min. Overfilled Launch (OFL) Bandwidth (MHz*km)	300/550	700/500	1500/500	3500/500	3500/500
Minimum Effective Modal Bandwidth (EMB) (MHz*km)	33/-	950/-	2000/-	4700/-	5350/-

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

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Ordering Information | *Note: Contact Customer Care at 1-800-743-2675 for other options.*



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Notes



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