

Zipcord Tight-Buffered Cable, Plenum 2 F, 2.8 mm diameter, Single-mode (OS2)

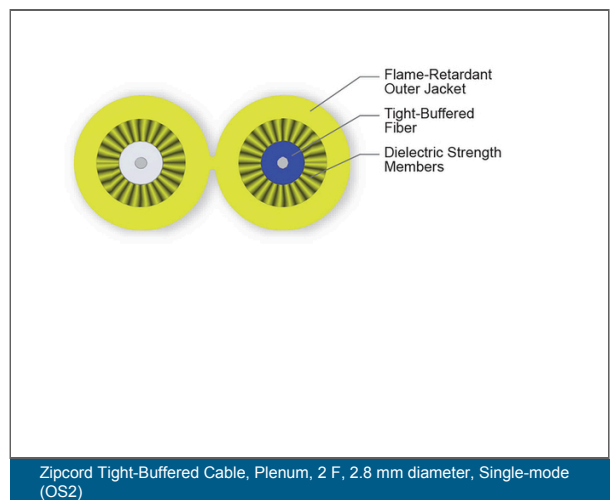
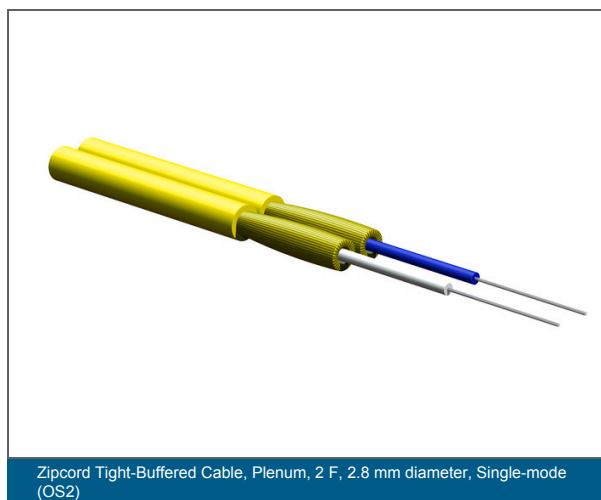
CORNING

Part Number:
002E58-31131-24

Corning zipcord cables are designed for interconnect applications. Two 900 μm 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. This cable is available in 12 different jacket colors – blue, orange, green, brown, slate, white, red, black, yellow, violet, rose and aqua. The colored jacket allows for easy visual identification of the cables. The standard jacket color will be determined by the dominant fiber type in the cable and will use the standard part numbers shown here. Contact Customer Care at 1-800-743-2675 to order other color options.

Features and Benefits

All-dielectric strength member
Mechanical durability



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Specifications

General Specifications

Environment	Indoor
Cable Type	Tight-Buffered
Product Type	Interconnect
Fiber Category	Single-mode (OS2)
Flame Rating	Plenum (OFNP)
Application	General Purpose Horizontal, Plenum, Vertical Riser
Fiber Count	2

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Flame Test Method	NFPA 262 and CSA FT-6 (for plenum, riser and general building applications), ICEA S-83-596

Environmental Conditions

Temperature Range, Installation	0 °C to 60 °C (32 °F to 140 °F)
Temperature Range, Operation	0 °C to 70 °C (32 °F to 158 °F)
Temperature Range, Storage	-40 °C to 70 °C (-40 °F to 158 °F)

Cable Design

Fiber Count	2
Outer Jacket Color	Yellow
Outer Jacket Material	Flame-retardant
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Number of Subunits	2
Tight Buffer Color	Blue, White
Flame Rating	Plenum (OFNP)

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Mechanical Specifications

Max. Tensile Strength, Short-Term	220 N (49.46 lbf)
Min. Bend Radius Installation	50 mm (1.97 in)
Min. Bend Radius Operation	25 mm (0.98 in)
Max. Tensile Strength, Long-Term	100 N (22.48 lbf)

Optical Characteristics

Fiber Code	E
Fiber Name	SMF-28e+® fiber
Fiber Type	Single-mode
Performance Option Code	31
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.4 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Category	G.652.D

Ordering Information

Product Number	002E58-31131-24
EAN Code	4056418191553
Weight	146 kg/km (98.11 lb/1000 ft)



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