

# Zipcord Tight-Buffered Cable, Plenum

2 F, 2.0 mm diameter, SMF-28® Ultra fiber, Single-mode (OS2)

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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

### Meets NEC requirements

Meets burn test criteria

### All-dielectric strength member

Mechanical durability

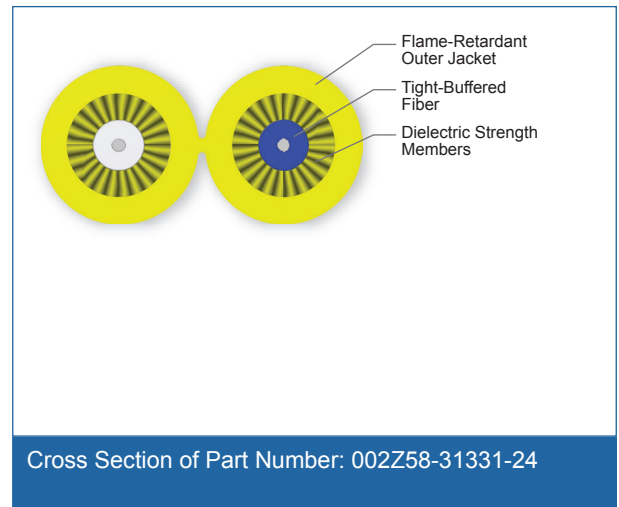
## Standards

### Listings

National Electrical Code®  
(NEC®) OFNP, FT-6

### Design and Test Criteria

NFPA 262 and CSA FT-6  
(for plenum, riser and general building applications);  
ICEA S-83-596



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## Specifications

### General Specifications

Environment	Indoor
Application	General Purpose Horizontal, Vertical Riser, Plenum
Cable Type	Tight-Buffered
Product Type	Interconnect
Flame Rating	Plenum (OFNP)
Fiber Category	SMF-28® Ultra fiber

### Temperature Range

Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Operation	0 °C to 70 °C (32 °F to 158 °F)

### Cable Design

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

### Mechanical Characteristics Cable

Max. Tensile Strength, Short-Term	220 N (50 lbf)
Max. Tensile Strength, Long-Term	66 N (15 lbf)
Weight	7.1 kg/km (4.7 lb/1000 ft)
Nominal Outer Diameter	2 mm x 4.45 mm (0.08 in x 0.18 in)
Min. Bend Radius Installation	30 mm (1.18 in)
Min. Bend Radius Operation	10 mm (.40 in)

### Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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## Fiber Specifications

Optical Characteristics (cabled)	
Fiber Name	SMF-28® Ultra fiber
Fiber Category	G.652.D/G.657.A1
Fiber Code	Z
Performance Option Code	31
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.65 dB/km / 0.65 dB/km / 0.5 dB/km

## Ordering Information

Part Number	002Z58-31331-24
Product Description	Zipcord Tight-Buffered Cable, Plenum, 2 F, 2.0 mm diameter, SMF-28® Ultra fiber, Single-mode (OS2)
EAN Code	4056418138299



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