Zipcord Tight-Buffered Cable, Riser

2F, 1.6 mm diameter, SMF-28® ULTRA Single-mode (OS2)

CORNING

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.

Part Number: 002Z51-31431-24

Features and Benefits

Meets NEC requirements
Meets burn test criteria
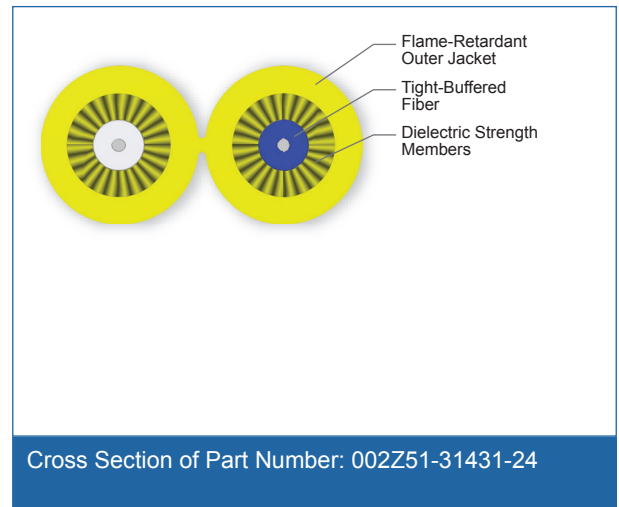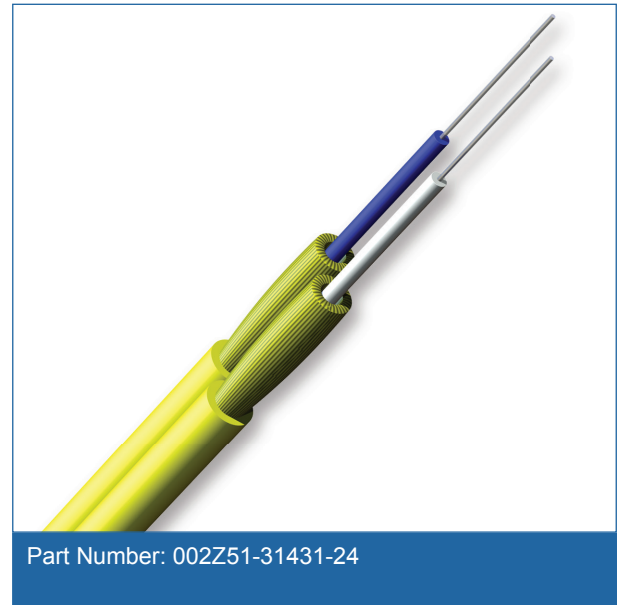
All-dielectric strength member
Mechanical durability

Standards

Listings	National Electrical Code® (NEC®) OFNR, FT-4
Design and Test Criteria	UL-1666 and CSA FT-4 (for riser and general building applications); ICEA S-83-596

Flame-Retardant Outer Jacket

Tight-Buffered Fiber

Dielectric Strength Members

Cross Section of Part Number: 002Z51-31431-24

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Specifications

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

Temperature Range	
Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Operation	-20 °C to 70 °C (-4 °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	4.91 kg/km (3.3 lb/1000 ft)
Nominal Outer Diameter	1.6 mm x 3.3 mm (0.06 in x 0.13 in)
Min. Bend Radius Installation	24 mm (0.95 in)
Min. Bend Radius Operation	10 mm (0.4 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	002Z51-31431-24
Product Description	Zipcord Tight-Buffered Cable, Riser, 2F, 1.6 mm diameter, SMF-28® ULTRA Single-mode (OS2)
EAN Code	4056418138091

RoHS COMPLIANT

Product Specification 002Z51601-484-24-AMETA-AEN
Page 3 | Revision date 2016-03-03

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