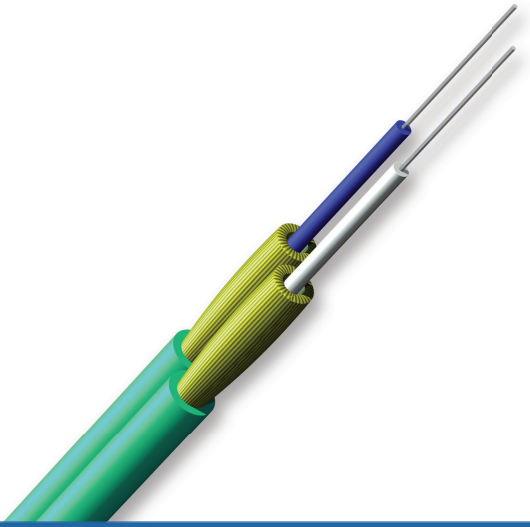
Zipcord Tight-Buffered Cable, Plenum

2 F, 50 µm multimode, extended 10G distance (OM4)

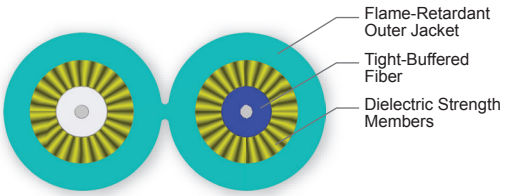
CORNING

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: 002T58-31191-24



Cross Section of Part Number: 002T58-31191-24

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

Specifications

General Specifications	
Environment	Indoor
Application	General Purpose Horizontal, Vertical Riser, Plenum
Cable Type	Tight-Buffered
Product Type	Interconnect

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General Specifications	
Flame Rating	Plenum (OFNP)
Fiber Category	50 µm MM (OM4+)

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	Aqua

Mechanical Characteristics Cable	
Max. Tensile Strength, Short-Term	220 N (50 lbf)
Max. Tensile Strength, Long-Term	66 N (15 lbf)
Weight	14.6 kg/km (10 lb/1000 ft)
Nominal Outer Diameter	2.0 mm x 5.6 mm (0.11 in x 0.22 in)
Min. Bend Radius Installation	50 mm (2 in)
Min. Bend Radius Operation	14 mm (0.55 in)

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

Fiber Specifications

Optical Characteristics (cabled)	
Fiber Core Diameter	50 µm
Fiber Category	OM4 Extended Distance
Fiber Code	T

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Fiber Specifications

Optical Characteristics (cabled)	
Performance Option Code	91
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Serial 1 Gigabit Ethernet	1100 m / 600 m
Serial 10 Gigabit Ethernet	600 m / -
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	5350 MHz*km / -

Ordering Information

Part Number	002T58-31191-24
Product Description	Zipcord Tight-Buffered Cable, Plenum, 2 F, 2.0 mm diameter, 50 µm multimode, extended 10G distance (OM4)
EAN Code	4056418150093

RoHS COMPLIANT

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