

Zipcord Tight-Buffered Cable, Plenum 2 F, 2.8 mm diameter, 62.5 μ m multimode (OM1)

CORNING

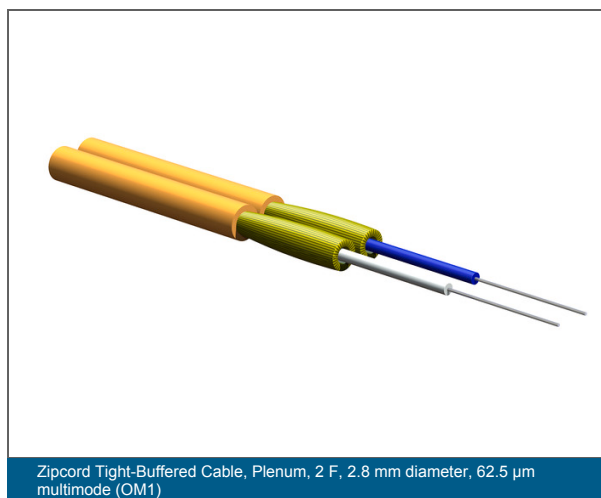
Part Number:
002K58-31130-24

Corning zipcord cables are designed for interconnect applications. Two 900 μ m 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.

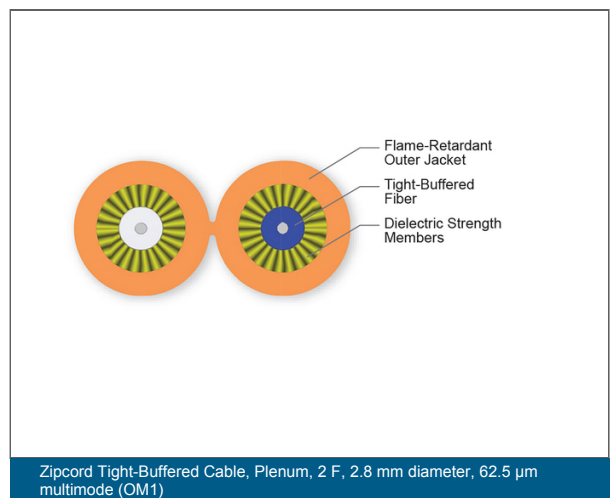
Features and Benefits

All-dielectric strength member

Mechanical durability



Zipcord Tight-Buffered Cable, Plenum, 2 F, 2.8 mm diameter, 62.5 μ m multimode (OM1)



Zipcord Tight-Buffered Cable, Plenum, 2 F, 2.8 mm diameter, 62.5 μ m multimode (OM1)

Zipcord Tight-Buffered Cable, Plenum 2 F, 2.8 mm diameter, 62.5 µm multimode (OM1)

CORNING

Specifications

General Specifications

Cable Type	Tight-Buffered
Environment	Indoor
Product Type	Interconnect
Fiber Category	62.5 µm MM (OM1)
Flame Rating	Plenum (OFNP)
Application	General purpose, Horizontal, Plenum, Vertical Riser
Cable geometry	Round

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Design and Test Criteria	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	Orange
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)

Zipcord Tight-Buffered Cable, Plenum 2 F, 2.8 mm diameter, 62.5 µm multimode (OM1)

CORNING

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)

Optical Characteristics

Fiber Code	K
Fiber Name	62.5 µm MM (OM1)
Fiber Type	Multimode
Performance Option Code	30
Fiber Core Diameter	62.5 µm
Minimum Effective Modal Bandwidth (EMB)	220 MHz
Maximum Attenuation	3.4 dB/km / 1.0 dB/km
Min. Overfilled Launch (OFL) Bandwidth	200 MHz / 500 MHz
Serial 1 Gigabit Ethernet	300 m / 550 m
Serial 10 Gigabit Ethernet	33 m / -
Wavelengths	850 nm / 1300 nm
Fiber Category	OM1

Dimensions

Cable Weight	146 kg/km (98.11 lb/1000 ft)
Length	0 mm (0 in)



Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks. All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2025 Corning Optical Communications. All rights reserved.