

# Reel In A Box, Zipcord Tight-Buffered Cable, Plenum 2 F, 2.8 mm diameter, 62.5 μm multimode (OM1)



**Part Number:**  
**002K58-31130-B1**

Reel in a Box is Corning's innovative packaging solution for small reels of fiber optic cable in all inside plant applications, such as collocation data centers and wireless projects. This packaging solution provides features that enable our customers greater efficiencies than before. 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.

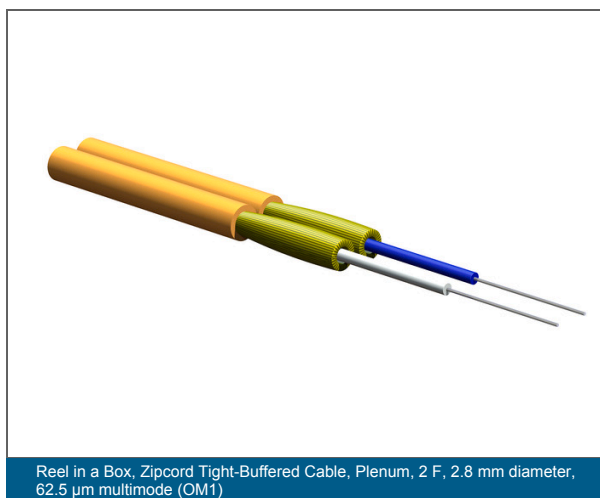
## Features and Benefits

“Countdown” print indicates available cable remaining on the reel providing easier inventory management

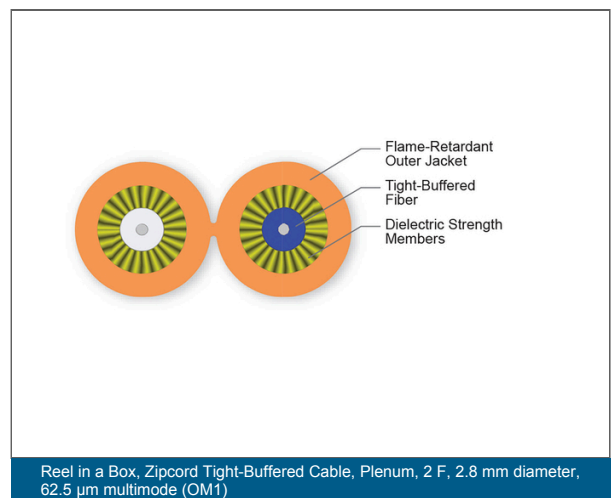
Stackable boxes make storage more manageable

Smaller reel offerings mean smaller cable lengths than would normally be available

Cable cutting at Corning lowers operating expenses for our distributors and end users



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## 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
Approvals and Listings	National Electrical Code® (NEC®) OFCP, CSA FT-6
Design and Test Criteria	ICEA S-83-596

Environmental Conditions	
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)

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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)

Optical Characteristics	
Fiber Code	K
Fiber Name	62.5 μm MM (OM1)
Fiber Type	Multimode
Fiber Compliance	ISO/IEC 11801
Performance Option Code	30
Fiber Core Diameter	62.5 μm
Minimum Effective Modal Bandwidth (EMB)	220 MHz*km / -
Maximum Attenuation	3.4 dB/km / 1.0 dB/km
Min. Overfilled Launch (OFL) Bandwidth	200 MHz*km / 500 MHz*km
Serial 1 Gigabit Ethernet	300 m / 550 m
Serial 10 Gigabit Ethernet	33 m / -
Wavelengths	850 nm / 1300 nm
Coating diameter	242 μm
Fiber Category	OM1

Dimensions	
Cable Weight	146 kg/km (98.11 lb/1000 ft)

Shipping Dimensions	
Height	393.7 cm
Width	393.7 cm
Depth	387.3 cm

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Ordering Information	
Product Number	002K58-31130-B1
EAN Code	4056418154039
Packaging Method	Reel in a Box



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