

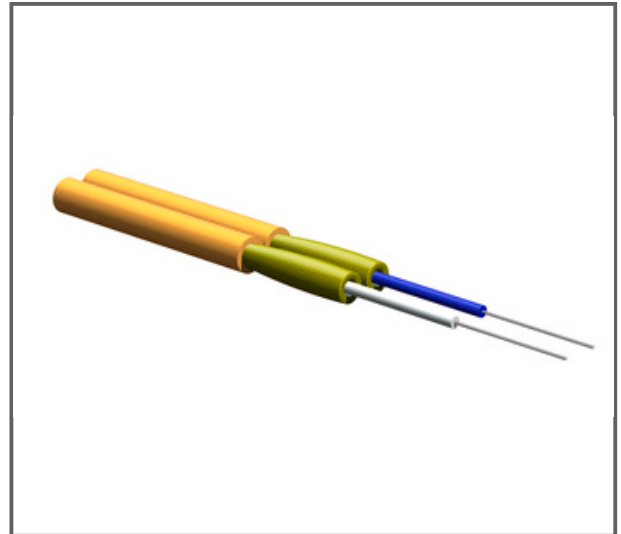
Reel In A Box, Zipcord Tight-Buffered Cable, Plenum 2 F, 2.8 mm diameter, 62.5 μm multimode (OM1)

CORNING

Part Number: 002K58-31130-B2

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

Mechanical Specifications

Max. Tensile Strength, Long-Term	66 N
Max. Tensile Strength, Short-Term	220 N
Min. Bend Radius Installation	50 mm (1.97 in)
Min. Bend Radius Operation	25 mm (0.98 in)
Nominal Outer Diameter	2.8 mm x 5.5 mm (0.11 in x 0.22 in)

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)

Environmental Conditions

Temperature Range, Storage	-40 °C - 70 °C (-40 °F - 158 °F)
Temperature Range, Operation	0 °C - 70 °C (32 °F - 158 °F)

General Specifications

Environment	Indoor
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General Specifications

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

Ordering Information

Weight	14.6 kg/km
Packaging Method	Reel in a Box

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	National Electrical Code® (NEC®) OFNR, CSA FT-4, ICEA S-83-596

Optical Characteristics

Fiber Code	K
Fiber Name	SMF-28e® fiber
Performance Option Code	30
Minimum Effective Modal Bandwidth (EMB)	220 MHz
Min. Overfilled Launch (OFL) Bandwidth	200 MHz / 500 MHz
Serial 1 Gigabit Ethernet	300 m / 550 m
Serial 10 Gigabit Ethernet	33 m / -

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The Corning logo consists of the word "CORNING" in a white, serif, all-caps font, centered within a solid blue square.

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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

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