

DFX[®] Cable, Riser

2 F, 62.5 μm multimode (OM1)

CORNING

Corning DFX[®] cables have two 900 μm tight-buffered fibers surrounded by aramid yarn strength members in a flexible flame-retardant jacket. These cables meet the application requirements of the National Electrical Code (NEC) Article 770 and are OFNR and FT-4 listed. DFX cables are ideal for interconnect applications.

Features and Benefits

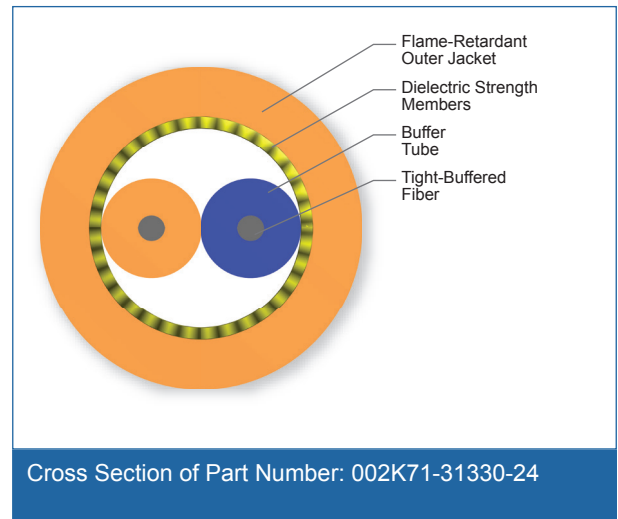
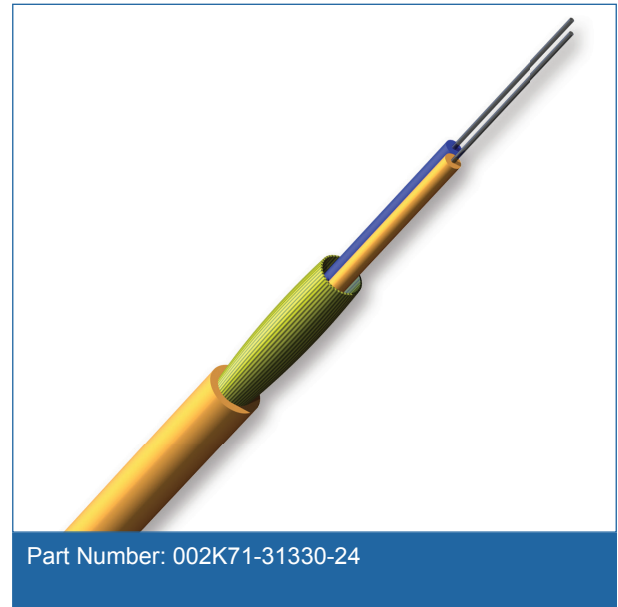
Two 900 μm tight-buffered fibers
Small 2.9 mm package

Flexible 2-fiber cable
High-density interconnect applications

Standards

Approvals and Listings National Electrical Code[®]
(NEC[®]) OFNR, CSA FT-4

Design and Test Criteria ANSI/ICEA S-83-596,
Telcordia GR-409, UL-1666



Specifications

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

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General Specifications

Flame Rating	Riser (OFNR)
Fiber Category	62.5 μm MM (OM1)

Temperature Range

Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Installation	0 °C to 70 °C (32 °F to 158 °F)
Operation	0 °C to 70 °C (32 °F to 158 °F)

Cable Design

Fiber Count	2
Tight Buffer Color	Blue, Orange
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Outer Jacket Material	Flame-retardant
Outer Jacket Color	Orange

Mechanical Characteristics Cable

Max. Tensile Strength, Short-Term	100 N (22 lbf)
Max. Tensile Strength, Long-Term	50 N (11 lbf)
Min. Bend Radius Installation	50 mm (2 in)
Min. Bend Radius Operation	30 mm (1.2 in)
Weight	7.81 kg/km (5.24 lb/1000 ft)
Nominal Outer Diameter	2.9 mm (0.1 in)

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Fiber Specifications

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

Notes: 1) Improved attenuation and bandwidth options available.
2) Bend-insensitive single-mode fibers available on request.
3) Contact a Corning Customer Care Representative for additional information.

Ordering Information

Part Number	002K71-31330-24
Product Description	DFX [®] Cable, Riser, 2 F, 62.5 μm multimode (OM1)
EAN Code	4056418165240



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