

# DFX<sup>®</sup> Cable, Riser

2 F, Single-mode (OS2, ClearCurve<sup>®</sup>)



Corning DFX<sup>®</sup> 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

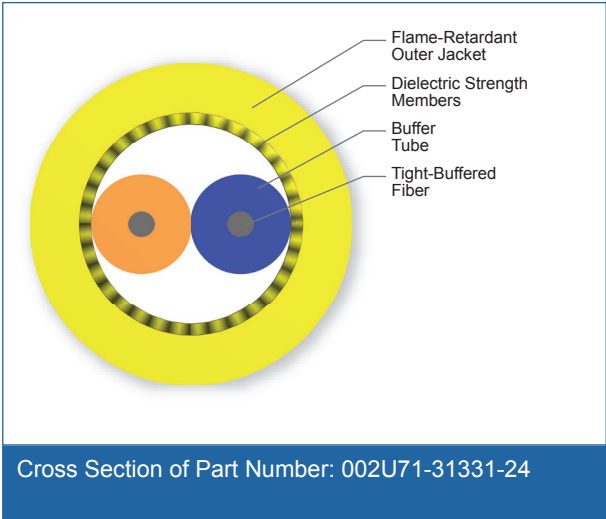
**Two 900 μm tight-buffered fibers**  
Small 2.9 mm package

**Flexible 2-fiber cable**  
High-density interconnect applications

## Standards

**Approvals and Listings** National Electrical Code<sup>®</sup>  
(NEC<sup>®</sup>) 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	ClearCurve <sup>®</sup> ZBL Single-mode (OS2)

## 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	Yellow

## 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 Name	ClearCurve <sup>®</sup> ZBL
Fiber Category	G.657.B3/G.652.D
Fiber Code	U

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## Fiber Specifications

Optical Characteristics (cabled)	
Performance Option Code	31
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km

## Ordering Information

Part Number	002U71-31331-24
Product Description	DFX <sup>®</sup> Cable, Riser, 2 F, Single-mode (OS2, ClearCurve <sup>®</sup> )
EAN Code	4056418139470



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