

DFX[®] Cable, Plenum

2 F, Single-mode (OS2, ClearCurve[®])

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 OFNP and FT-6 listed. DFX cables are ideal for interconnect applications.

Features and Benefits

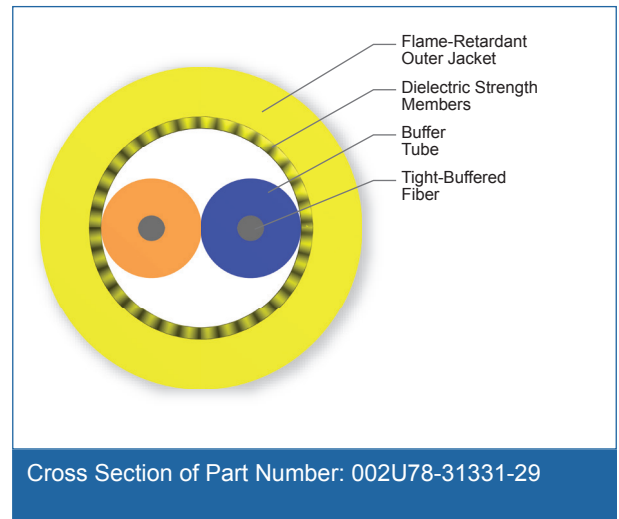
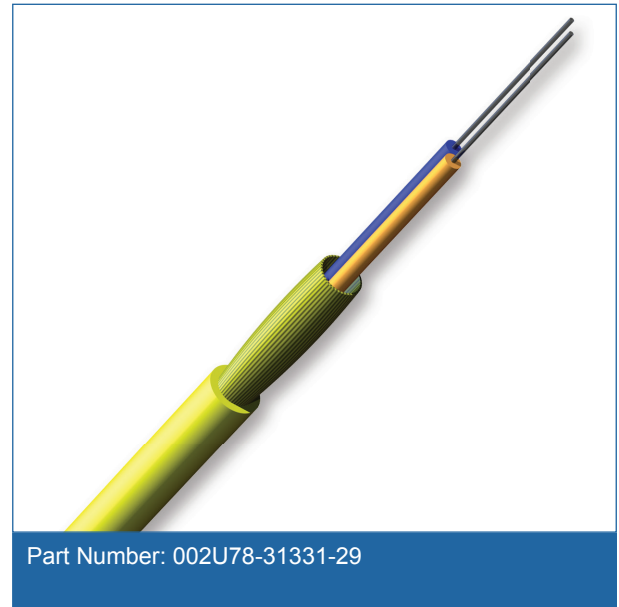
Two 900 μm tight-buffered fibers
Small 2.9 mm package

Flexible 2-fiber cable
High-density interconnect applications

Standards

Approvals and Listings National Electrical Code[®]
(NEC[®]) OFNP, CSA FT-6

Design and Test Criteria ANSI/ICEA S-83-596,
Telcordia GR-409,
NFPA-262



Specifications

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

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General Specifications

| | |
|----------------|---------------|
| Flame Rating | Plenum (OFNP) |
| Fiber Category | SM R5 (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 | 8.67 kg/km (5.82 lb/1000 ft) |
| Nominal Outer Diameter | 2.9 mm (0.1 in) |

Chemical Characteristics

| | |
|------|---|
| RoHS | Free of hazardous substances according to RoHS 2002/95/EG |
|------|---|

Fiber Specifications

Optical Characteristics (cabled)

| | |
|----------------|-----------------------------|
| Fiber Name | ClearCurve [®] ZBL |
| Fiber Category | G.657.B3/G.652.D |

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Fiber Specifications

| Optical Characteristics (cabled) | |
|----------------------------------|-----------------------------------|
| Fiber Code | U |
| 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 | 002U78-31331-29 |
| Product Description | DFX [®] Cable, Plenum, 2 F, Single-mode (OS2, ClearCurve [®]) |
| EAN Code | 4056418145600 |



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