

ClearCurve® Rugged Drop, Indoor/Outdoor, Tight-Buffered Cable 2 F, Single-mode (OS2)



Part Number:
002U2F-31531-29

Features and Benefits

Flexible, robust cable

Solves unique challenges associated with MDU deployments

Self-bend-limiting design

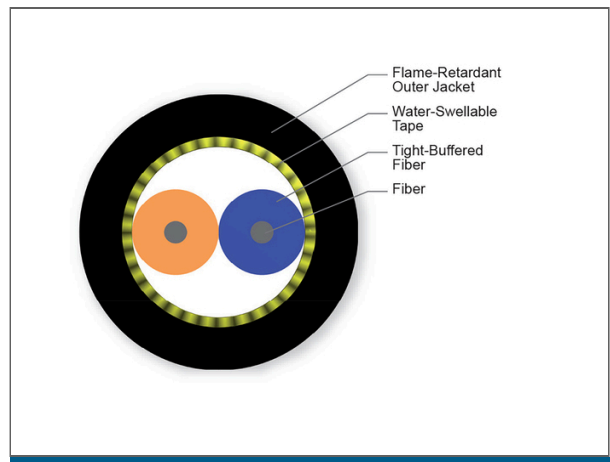
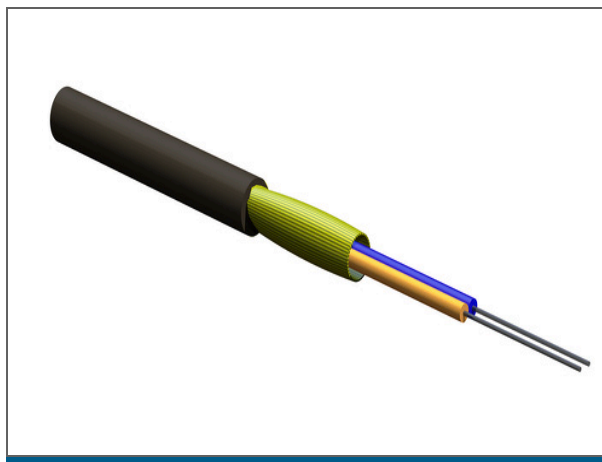
Can be directly stapled and routed around tight corners

Outperforms typical copper cables (RG-6 Coaxial)

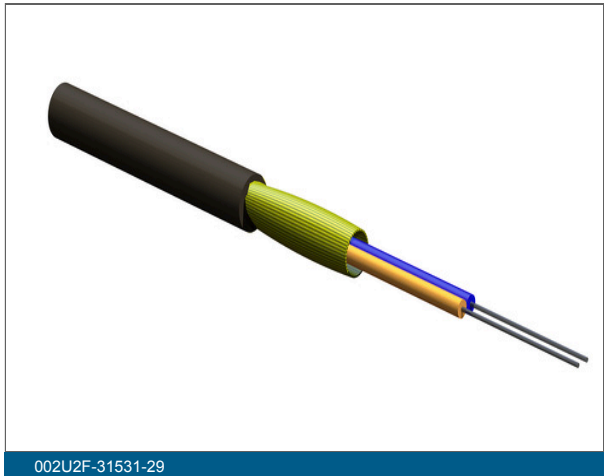
Higher bandwidth, lighter weight, smaller OD and bend-radius

Waterblocking technology

Allows efficient and craft-friendly cable preparation



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Specifications

Mechanical Specifications	
Max. Tensile Strength, Long-Term	150 N
Max. Tensile Strength, Short-Term	450 N
Min. Bend Radius Installation	4 mm (0.16 in)
Min. Bend Radius Operation	4 mm (0.16 in)
Nominal Outer Diameter	4.8 mm (0.19 in)

Cable Design	
Fiber Count	2
Outer Jacket Color	Black
Outer Jacket Material	Flame-Retardant, UV-Resistant
Tensile Strength Elements and/or Armoring - Layer 1	Water-swellable dielectric strength members
Fiber Coloring	Blue, Orange
Flame Rating	Riser (OFNR)

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Environmental Conditions

Temperature Range, Installation	-5 °C to 60 °C (23 °F to 140 °F)
Temperature Range, Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Temperature Range, Operation	-40 °C to 70 °C (-40 °F to 158 °F)

General Specifications

Environment	Indoor/Outdoor
Cable Type	Drop
Product Type	Dielectric
Fiber Category	Single-mode (OS2)
Flame Rating	Riser (OFNR)
Application	Lashed Aerial , Direct Buried , Duct , General Purpose Horizontal

Ordering Information

Weight	21 kg/km
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Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	National Electrical Code® (NEC®) OFNR, CSA OFN FT-4
Common Installations	MDU drop cable applications from last terminal to and within living unit including outdoor and indoor vertical riser and general-purpose horizontal according to NEC Article 770
Design and Test Criteria	ANSI/ICEA S-104-696, Telcordia GR-409

Optical Characteristics

Fiber Code	U
Fiber Name	ClearCurve® ZBL
Fiber Type	Single-mode

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CORNING

Optical Characteristics

Performance Option Code	01
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Typical Attenuation	0.36 / 0.36 / 0.20
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Category	G.657.B3/G.652.D



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