

900 μm Buffered Fiber

1 F, Single-mode (OS2)

CORNING

Corning 900 μm Buffered Fiber is ideal for interconnect, pigtail and behind-the-faceplate applications. We offer a selection of buffered fibers with consistent shrink-back and stripping performance to meet your application needs.

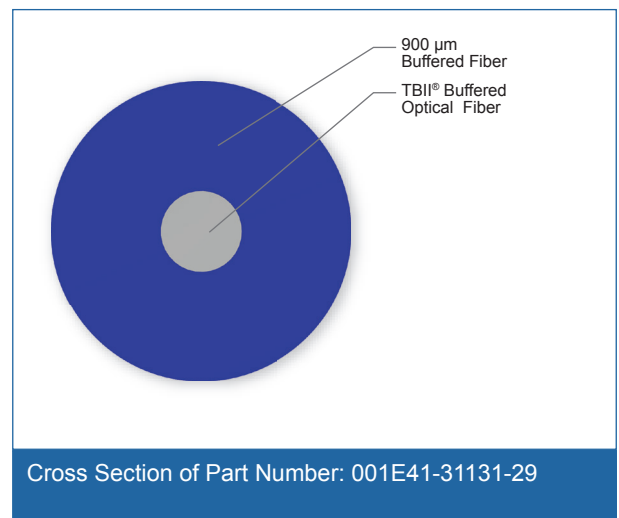
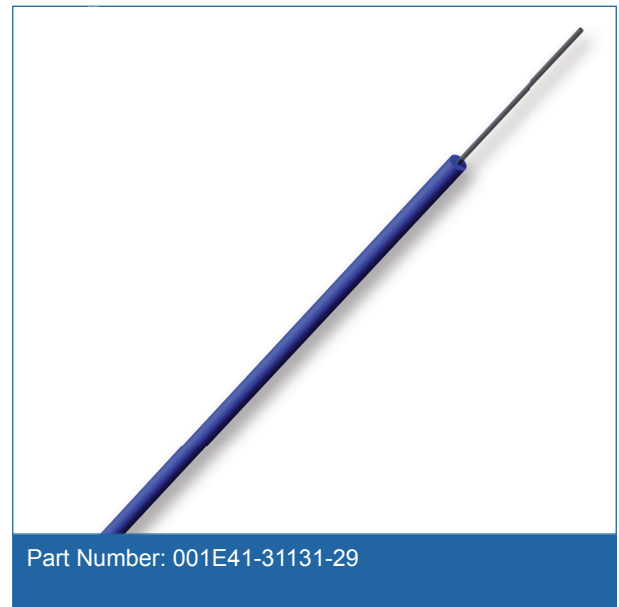
Features and Benefits

900 μm TBII® Buffered Fibers
Easy, consistent stripping

Standards

Approval and Listings National Electrical Code® (NEC®) OFNR, CSA FT-4, ICEA S-83-596

Flame Resistance UL-1666 (for riser and general building applications)



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Specifications

General Specifications

Environment	Indoor
Cable Type	Tight-Buffered
Fiber Category	Single-mode (OS2)

Temperature Range

Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Operation	-20 °C to 70 °C (-4 °F to 158 °F)

Cable Design

Fiber Count	1
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Mechanical Characteristics Cable

Weight	1.0 kg/km (0.7 lb/1000 ft)
Nominal Outer Diameter	0.9 mm \pm 0.05 (0.03 in)
Max. Tensile Strengths, Short-Term	6 N (14 lbf)
Max. Tensile Strengths, Long-Term	3 N (7 lbf)
Min. Bend Radius Installation	25 mm (0.98 in)
Min. Bend Radius Operation	50 mm (2.0 in)

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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Ordering Information

Part Number	001E41-31131-29
Product Description	900 μm Buffered Fiber, 1 F, Single-mode (OS2)

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The CORNING logo is displayed in white, uppercase letters within a solid blue square.

Notes



Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/cablesystems

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