

# SST-Drop™ Single-Tube, Gel-Filled Cable

1 F, Single-mode (OS2)

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Corning SST-Drop™ dielectric cables offer the ease of installation of standard ALTOS® cables in an easy-access, single-tube design. The dielectric version eliminates any bonding and grounding requirements. The cables are RDUP (RUS) listed and offer exceptional crush resistance.

## Features and Benefits

### Standard ALTOS® Cable tube design in single-tube design

Standard practices and hardware compatibility

### Crush resistance

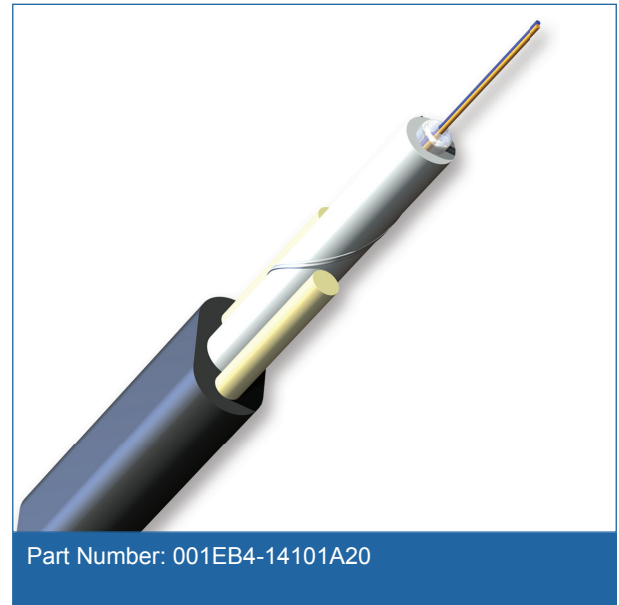
Fiber protection and signal integrity

### RDUP (RUS) Listed

Material acceptability

### Dielectric

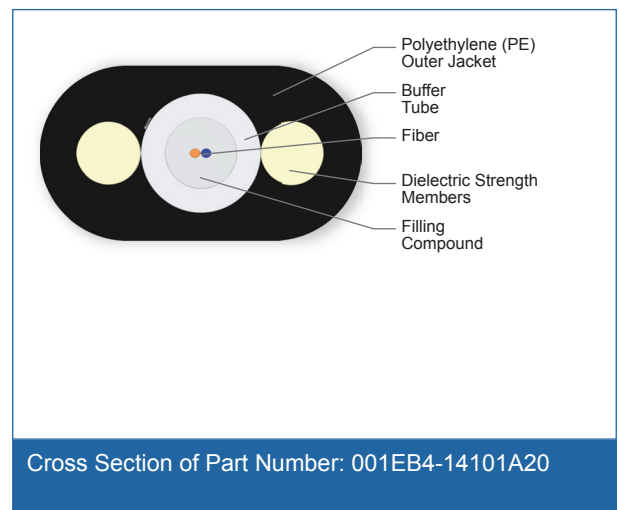
Eliminates bonding and grounding requirements



## Standards

### Approvals and Listings

USDA Rural Development Programs



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## Specifications

### General Specifications

Environment	Outdoor
Application	Self-Supporting
Cable Type	Drop
Product Type	Self-Supporting
Fiber Category	Single-mode (OS2)

### Temperature Range

Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Installation	-30 °C to 70 °C (-22 °F to 158 °F)
Operation	-40 °C to 70 °C (-40 °F to 158 °F)

### Cable Design

Fiber Count	1
Fiber Coloring	Blue
Buffer Tube Diameter	3 mm (0.12 in)
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Outer Jacket Material	Polyethylene (PE)
Outer Jacket Color	Black
Buffer Tube Color Coding	Natural

### Mechanical Characteristics Cable

Max. Tensile Strength, Short-Term	1350 N (300 lbf)
Max. Tensile Strength, Long-Term	400 N (90 lbf)
Weight	30 kg/km (20 lb/1000 ft)
Nominal Outer Diameter	8.1 mm x 4.5 mm (0.32 in x 0.17 in)
Min. Bend Radius Operation	80 mm (3.15 in)

### Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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## Fiber Specifications

Optical Characteristics (cabled)	
Fiber Name	Single-mode (OS2)
Fiber Category	G.652.D
Fiber Code	E
Performance Option Code	01
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	001EB4-14101A20
Product Description	SST-Drop™ Single-Tube, Gel-Filled Cable, 1 F, Single-mode (OS2)
EAN Code	4056418133294

## Shipping Information

Convenient Contractor-sized Packaging Length	609.6 m gross weight 65 lbs; no specialized equipment needed (2,000 ft gross weight 65 lbs; no specialized equipment needed)
Traditional Bulk Packaging	up to 12100 m typically require reel payoff equipment; up to 40000 ft typically require reel payoff equipment



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