

SST-Drop™ Outdoor, Single-Tube, Gel-Filled Dielectric Cable with FastAccess® Technology 12 F, Single-mode (OS2)

CORNING

Part Number:
012EB4-14701A20

Corning SST-Drop™ dielectric cables with FastAccess® Technology provides a more efficient, craft-friendly cable preparation unparalleled by traditional flat drop cables. The innovative FastAccess Technology design simplifies removal of the cable jacket resulting in up to 55 percent faster fiber access time. This technology improves ease of use because no special tools are needed. 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

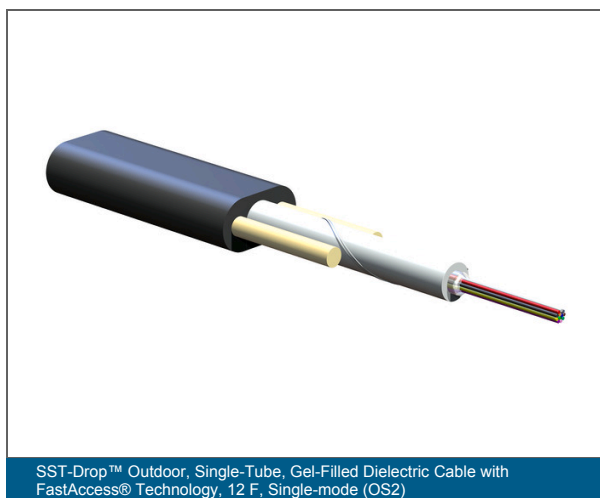
Material acceptability

Dielectric

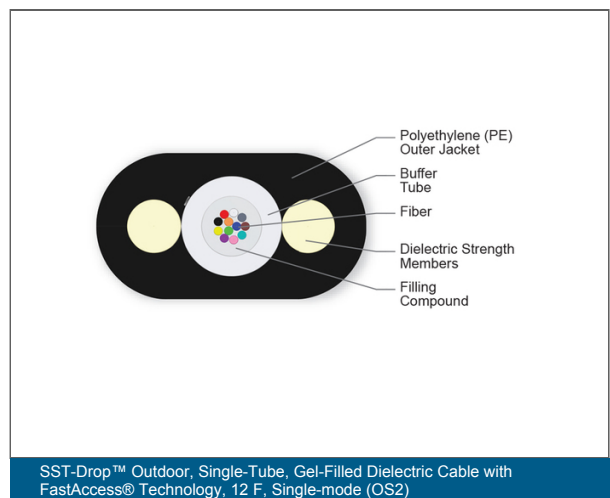
Eliminates bonding and grounding requirements

FastAccess technology

Saves time and reduces complexity



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Specifications

General Specifications

Installation Methods	Drop
Cable Type	Single Tube
Environment	Outdoor
Product Type	Self-Supporting, Figure-8
Fiber Category	Single-mode (OS2)
Cable geometry	Other

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Environmental Conditions

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

Cable Design

Fiber Count	12
Buffer Tube Diameter	3 mm (0.12 in)
Outer Jacket Color	Black
Outer Jacket Material	Polyethylene (PE)
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua

Mechanical Specifications

Max. Tensile Strength, Long-Term	400 N (89.92 lbf)
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Mechanical Specifications

Max. Tensile Strength, Short-Term	1350 N (303.49 lbf)
Min. Bend Radius Operation	80 mm (3.15 in)
Nominal Outer Diameter	8.1 mmx 4.4 mm (0.32 inx 0.17 in)

Optical Characteristics

Fiber Code	E
Performance Option Code	01
Fiber Category	OS2
Fiber Type	Single-mode (OS2) / 250 µm
Fiber Name	Single-mode (OS2)
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Compliance	ITU-T G.652.D

Dimensions

Cable Weight	30 kg/km (20.16 lb/1000 ft)
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Ordering Information

Product Number	012EB4-14701A20
Convenient Contractor-sized Packaging Length	609.6 m (2000 ft) gross weight 65 lbs., no specialized equipment needed



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