

SST-Drop™ Single-Tube, Toneable, Gel-Filled Cable 6 F, Single-mode (OS2)



Part Number:
006EB1-14101A20

Corning SST-Drop™ toneable cables offer the ease of installation of standard ALTOS cable in an easy-access, single-tube design. The toneable version allows for effortless detection of buried cable with a toning conductor that can be separated. The cables are RDUP (RUS) Listed and offer exceptional crush resistance while the copper portion allows for clear detection in underground installation.

Features and Benefits

Standard ALTOS® Cable tube design in single-tube design

Standard practices and hardware compatibility

Crush resistance

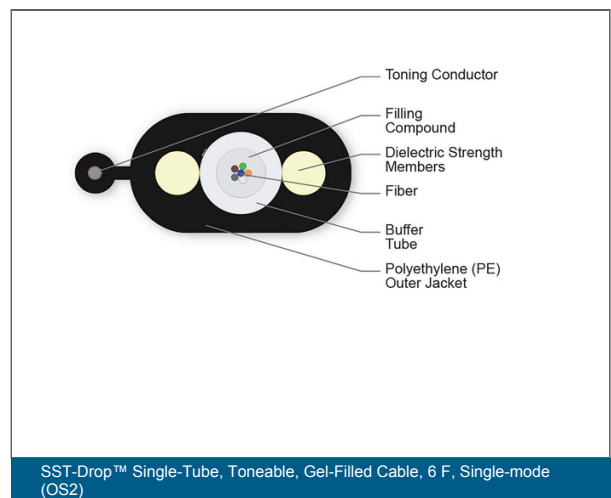
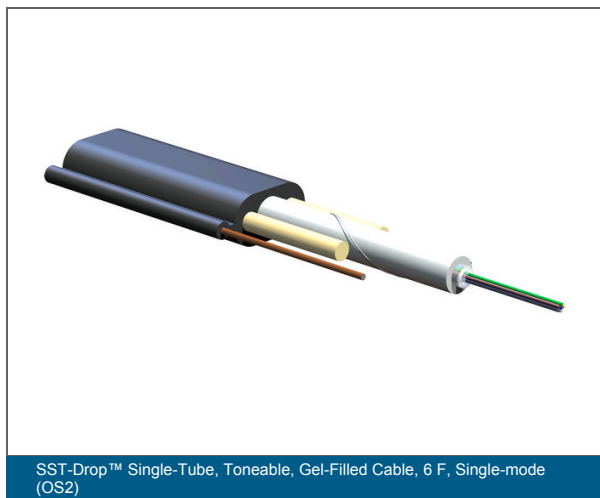
Fiber protection and signal integrity

RDUP (RUS) Listed

Material acceptability

Toneable version

Underground detection



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Specifications

General Specifications	
Cable Type	Single Tube
Environment	Outdoor
Product Type	Self-Supporting, Figure-8
Fiber Category	Single-mode (OS2)
Application	Direct Buried, Duct, Drop
Cable geometry	Other

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	Compact Drop Subunit listed to National Electrical Code® (NEC®) OFNR, CSA FT-4
Compliance	Not Available

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	6
Outer Jacket Color	Black
Outer Jacket Material	Polyethylene (PE)
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Buffer Tube Color	Natural
Buffer Tube Diameter	3 mm (0.12 in)
Toning Conductor	Copper Wire, AWG 24

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CORNING

Cable Design

Fiber Coloring	Blue, Orange, Green, Brown, Slate, White
Fibers per Tube	6
Color Code Standards	Telcordia

Mechanical Specifications

Max. Tensile Strength, Long-Term	400 N (89.92 lbf)
Max. Tensile Strength, Short-Term	1350 N (303.49 lbf)
Min. Bend Radius Operation	80 mm (3.15 in)
Nominal Outer Diameter	10.2 mm x 4.7 mm (0.4 in x 0.19 in)

Optical Characteristics

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

Dimensions

Cable Weight	37 kg/km (24.86 lb/1000 ft)
Length	0 mm (0 in)

Ordering Information

Product Number	006EB1-14101A20
EAN Code	4056418191225

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Ordering Information

Convenient Contractor-sized Packaging Length

609.6 m (2000 ft) gross weight 75 lbs., no specialized equipment needed



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