

# SST-Drop™ Single-Tube, Toneable, Gel-Filled Cable 12 F, Single-mode (OS2)



**Part Number:**  
**012EB1-14101A20**

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

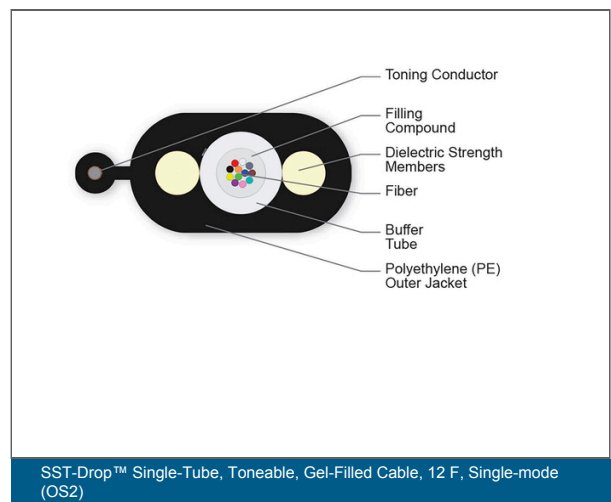
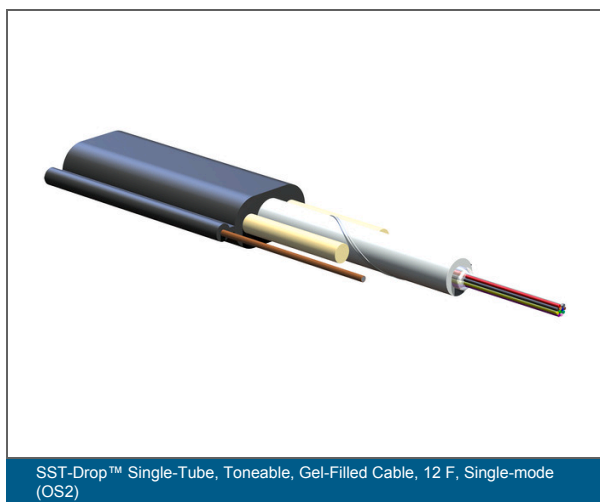
Fiber protection and signal integrity

### 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	Drop
Fiber Count	12
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

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
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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## Cable Design

Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
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)
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## Ordering Information

Product Number	012EB1-14101A20
EAN Code	4056418190976
Convenient Contractor-sized Packaging Length	"609.6 m (2000 ft) gross weight 75 lbs., no specialized equipment needed"

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CORNING



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