

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

2 F, Single-mode (OS2)

CORNING

Corning Cable Systems 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

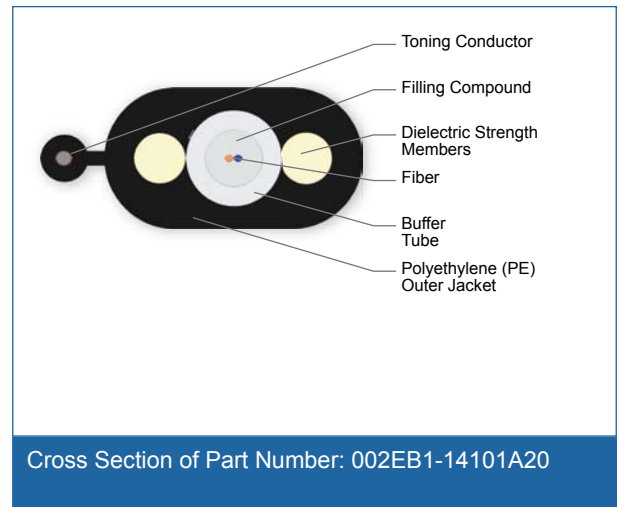
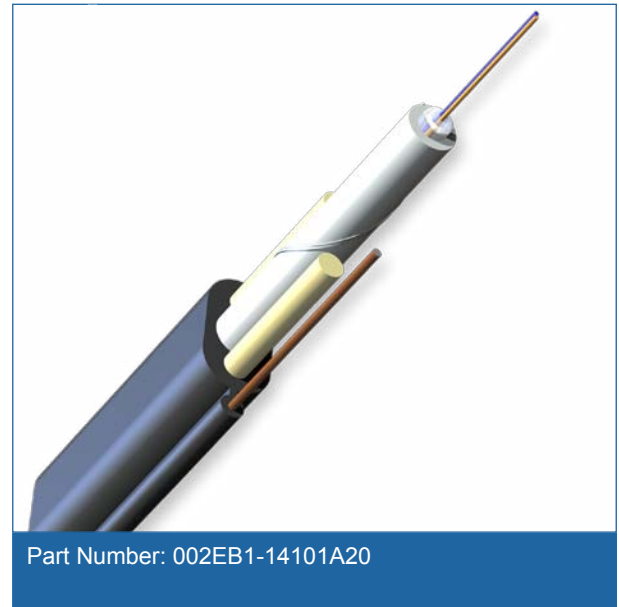
### Toneable version

Underground detection

## Standards

### Approval and Listings

USDA Rural Development Programs



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

2 F, Single-mode (OS2)

CORNING

## 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 (-49 °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	2
Fiber Coloring	Blue, Orange
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
Toning Conductor	Copper wire 24 AWG
Buffer Tube Color Coding	Natural

### Mechanical Characteristics Cable

Max. Tensile Strengths, Short-Term	1350 N (300 lbf)
Max. Tensile Strengths, Long-Term	400 N (90 lbf)
Weight	37 kg/km (25 lb/1000 ft)
Nominal Outer Diameter	10.2 mm x 4.7 mm (0.38 in x 0.18 in)
Min. Bend Radius Operation	80 mm (3.15 in)

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

2 F, Single-mode (OS2)

CORNING

## Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
------	---

## Fiber Specifications

### Optical Characteristics (cabled)

Fiber Core Diameter	8.2 μm
Fiber Type	Single-mode
Fiber Category	OS2
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
Serial 1 Gigabit Ethernet	5000 m / - / -
Serial 10 Gigabit Ethernet	10000 m / - / 40000 m

\* ITU-T G.652 D compliant

\* Meets 0.75 ns optical skew when used in all Corning Cable Systems Plug & Play™/Pretium EDGE® Systems Solutions

- Notes:
- 1) Improved attenuation and bandwidth options available
  - 2) Bend-insensitive single-mode fibers available on request
  - 3) Contact a Corning Cable Systems Customer Care Representative for additional information

## Ordering Information

Part Number	002EB1-14101A20
Product Description	SST-Drop™ Single-Tube, Toneable, Gel-Filled Cable, 2 F, Single-mode (OS2)

## Shipping Information

Convenient Contractor-sized Packaging Length	609.6 m gross weight 75 lbs; no specialized equipment needed (2,000 ft gross weight 75 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

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

2 F, Single-mode (OS2)

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](http://www.corning.com/cablesystems)

A complete listing of the trademarks of Corning Cable Systems is available at [www.corning.com/cablesystems/trademarks](http://www.corning.com/cablesystems/trademarks).

Corning Cable Systems is ISO 9001 certified. © 2012 Corning Cable Systems. All rights reserved.