

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

10 F, Single-mode (OS2)

CORNING

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

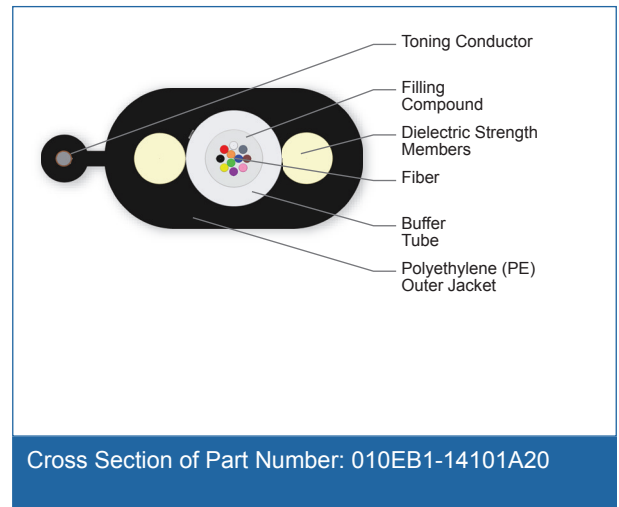
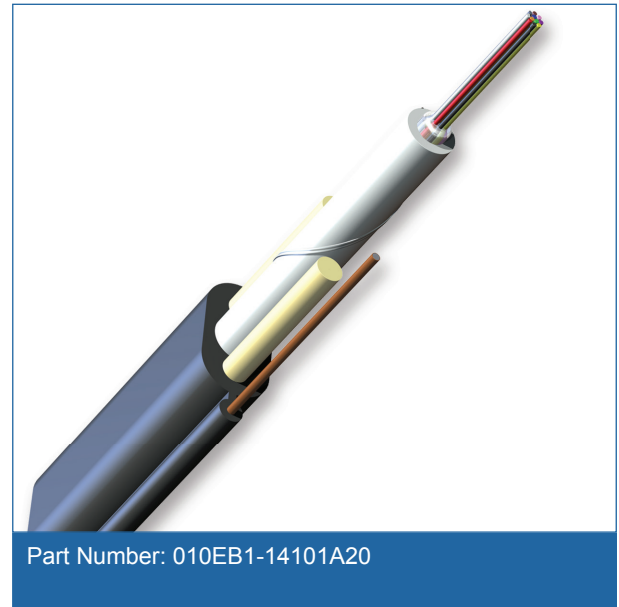
### Toneable version

Underground detection

## Standards

### Listings

USDA Rural Development Programs



## Specifications

| General Specifications |                 |
|------------------------|-----------------|
| Environment            | Outdoor         |
| Application            | Self-Supporting |
| Cable Type             | Drop            |

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

10 F, Single-mode (OS2)

CORNING

## General Specifications

|                |                   |
|----------------|-------------------|
| 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   | 10   |
| Fiber Coloring                                      | Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet |
| 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 Strength, Short-Term | 1350 N (300 lbf)                     |
| Max. Tensile Strength, 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)                      |

## Chemical Characteristics

|      |   |
|------|---|
| RoHS | Free of hazardous substances according to RoHS 2011/65/EU |
|------|---|

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

10 F, Single-mode (OS2)



## 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         | 010EB1-14101A20  |
| Product Description | SST-Drop™ Single-Tube, Toneable, Gel-Filled Cable, 10 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                |



Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • [www.corning.com/opcomm](http://www.corning.com/opcomm)

A complete listing of the trademarks of Corning Optical Communications is available at [www.corning.com/opcomm/trademarks](http://www.corning.com/opcomm/trademarks). All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified.

© 2016 Corning Optical Communications. All rights reserved.

