

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

4 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

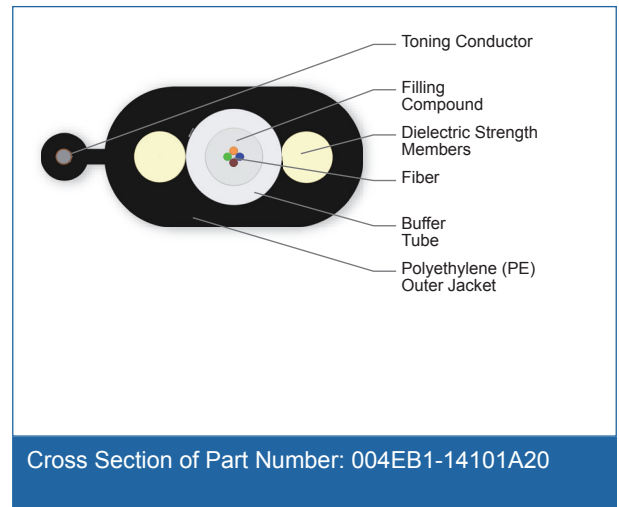
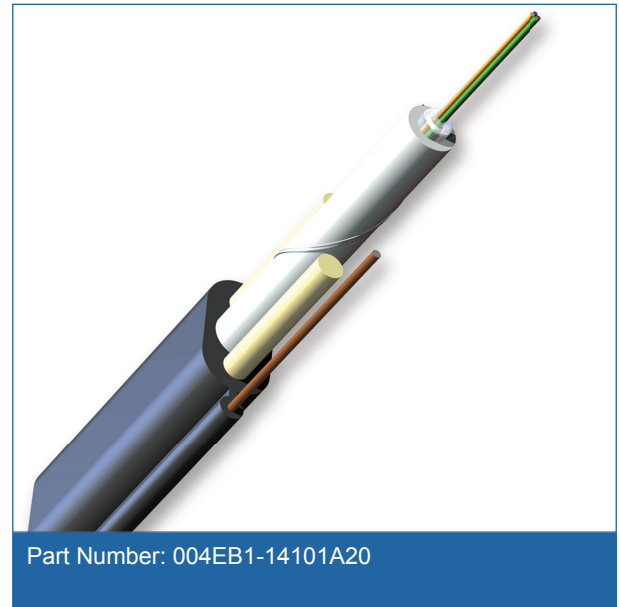
Toneable version

Underground detection

Standards

Listings

USDA Rural Development Programs



Specifications

General Specifications	
Environment	Outdoor
Application	Self-Supporting
Cable Type	Drop

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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	4
Fiber Coloring	Blue, Orange, Green, Brown
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
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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	004EB1-14101A20
Product Description	SST-Drop™ Single-Tube, Toneable, Gel-Filled Cable, 4 F, Single-mode (OS2)
EAN Code	4056418191348

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



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