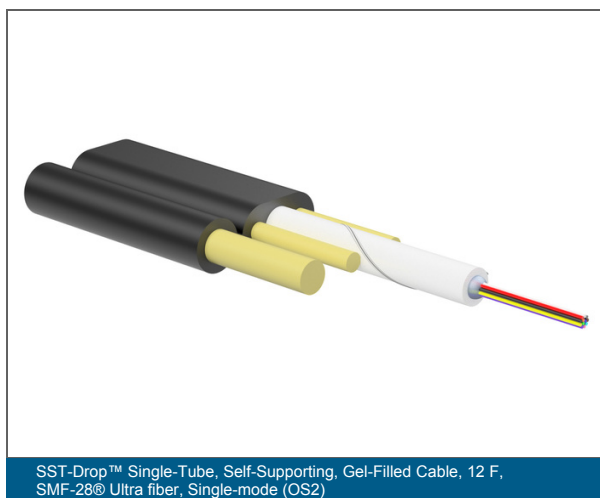


SST-Drop™ Single-Tube, Self-Supporting, Gel-Filled Cable 12 F, SMF-28® Ultra fiber, Single-mode (OS2)

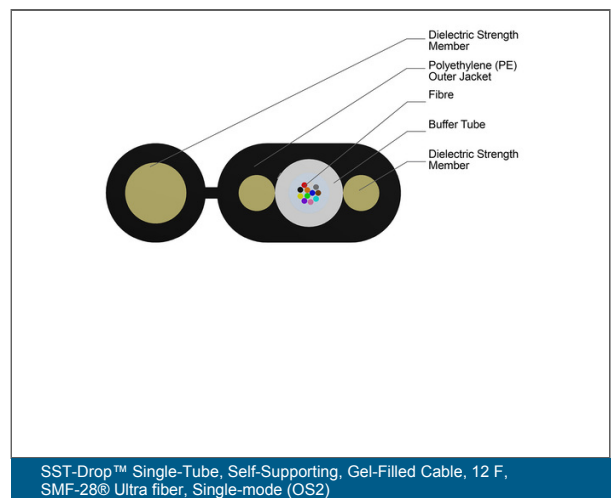
CORNING

Part Number:
012ZBA-14101A20

Corning SST-Drop™ All-Dielectric Self-Supporting (ADSS) cables offer the ease of installation of standard ALTOS cable in an easy-access, single-tube design. The long-length ADSS version allows pole-to-pole span lengths ranging from 400 feet under NESC heavy ice and wind loading conditions to 500 feet under NESC medium loading. There is no support or messenger wire required, allowing installation to be achieved in a single pass, dramatically reducing installation time and cost while delivering high-speed internet to rural areas. The cables are RDUP (RUS) listed and offer exceptional crush resistance.



SST-Drop™ Single-Tube, Self-Supporting, Gel-Filled Cable, 12 F, SMF-28® Ultra fiber, Single-mode (OS2)



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CORNING

Specifications

General Specifications

Installation Methods	Drop
Cable Type	Single Tube
Environment	Outdoor
Product Type	Self-Supporting
Fiber Category	SMF-28® Ultra
Cable geometry	Other

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	USDA Rural Development Programs
Design and Test Criteria	ANSI/ICEA S-110-717, Telcordia GR-20-CORE
Compliance	Not Available

Environmental Conditions

Temperature Range, Installation	-30 °C to 60 °C (-22 °F to 140 °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

Cable Print Unit of Measure	Feet
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)

SST-Drop™ Single-Tube, Self-Supporting, Gel-Filled Cable 12 F, SMF-28® Ultra fiber, Single-mode (OS2)

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Cable Design

Tensile Strength Elements and/or Armoring	Dielectric strength members
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Fibers per Tube	12
Color Code Standards	Telcordia

Mechanical Specifications

Max. Tensile Strength, Long-Term	400 N (89.92 lbf)
Max. Tensile Strength, Short-Term	1335 N (300.12 lbf)
Min. Bend Radius Installation	450 mm (17.72 in)
Min. Bend Radius Operation	135 mm (5.31 in)
Nominal Outer Diameter	12.3 mmx 4.4 mm (0.48 inx 0.17 in)

Optical Characteristics

Fiber Code	Z
Performance Option Code	01
Fiber Category	OS2
Fiber Type	Single-mode (OS2) / 250 µm
Fiber Name	Bend-Improved Single-mode (OS2)
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Compliance	ITU-T G.652.D and ITU-T G.657.A1

Dimensions

Cable Weight	52.5 kg/km (35.28 lb/1000 ft)
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SST-Drop™ Single-Tube, Self-Supporting, Gel-Filled Cable 12 F, SMF-28® Ultra fiber, Single-mode (OS2)

The Corning logo consists of the word "CORNING" in a white, serif, all-caps font, centered within a solid blue square.

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