

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

CORNING

Corning SST-Drop™ dielectric cables offer the ease of installation of standard ALTOS cables in an easy-access, single-tube design. The dielectric version eliminates any bonding and grounding requirements. The cables are RDUP (RUS) listed and offer exceptional crush resistance.

Features and Benefits

Flexible, craft-friendly buffer tubes

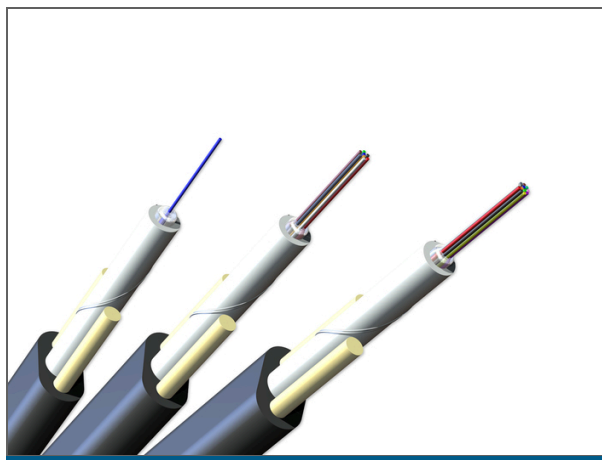
Facilitate easy routing in closures

Dielectric central strength member

No preferential bend and requires no bonding or grounding

Polyethylene jacket

Rugged, durable and easy to strip (while providing superior protection against UV radiation, fungus, abrasion and other environmental factors)



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Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Specifications

General Specifications

Environment	Outdoor
Product Type	Self-Supporting
Cable Type	Single Tube

Temperature Range

Temperature Range, Storage	-40 °C - 70 °C (-40 °F - 158 °F)
Temperature Range, Installation	-30 °C - 70 °C (-22 °F - 158 °F)
Temperature Range, Operation	-40 °C - 70 °C (-40 °F - 158 °F)

Design Characteristics Cable

Fiber Count	Buffer Tube Diameter
1 - 12	3 mm

Mechanical Characteristics Cable

Fiber Count	Nominal Outer Diameter	Min. Bend Radius Operation	Max. Tensile Strength, Short-Term	Max. Tensile Strength, Long-Term	Cable Weight
1	8.1 mm x 4.5 mm	80 mm	1350 N	400 N	30.5 kg/km
1 - 12	8.1 mm x 4.5 mm	80 mm	1350 N	400 N	30 kg/km

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Transmission Performance

Single-mode	
Fiber Name	Single-mode (OS2)
Performance Option Code	01
Fiber Category	G.652.D
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Code	E
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km



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