

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

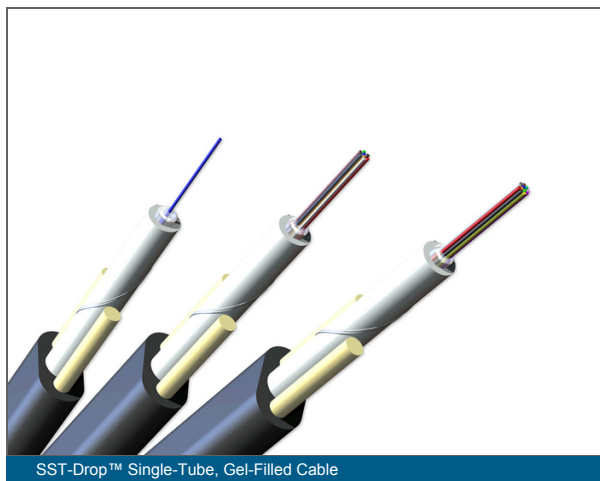
Facilitate easy routing in closures

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 (0.12 in)

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 - 12	8.1 mmx 4.5 mm (0.32 inx 0.18 in)	80 mm (3.15 in)	1350 N (303.49 lbf)	400 N (89.92 lbf)	30 kg/km (20.16 lb/1000 ft)

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Transmission Performance

Multimode	
Fiber Category	OM2
Fiber Code	T
Performance Option Code	31
Fiber Core Diameter	50 µm
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	3.0 dB/km / 1.0 dB/km
Serial 1 Gigabit Ethernet	750 m / 600 m
Serial 10 Gigabit Ethernet	150 m / -
Min. Overfilled Launch (OFL) Bandwidth	700 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	950 MHz*km / -

Transmission Performance

Single-mode		
Fiber Name	Bend-Improved Single-mode (OS2)	Single-mode (OS2)
Performance Option Code	20	01
Fiber Category	OS2	OS2
Wavelengths	1310 nm / 1383 nm / 1550 nm	1310 nm / 1383 nm / 1550 nm
Fiber Code	Z	E
Maximum Attenuation	0.34 dB/km / 0.34 dB/km / 0.20 dB/km	0.4 dB/km / 0.4 dB/km / 0.3 dB/km



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