

SST-Drop™ Single-Tube, Dielectric, 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. Dielectric cables are also available in preconnectorized assemblies.

Features and Benefits

Dielectric design

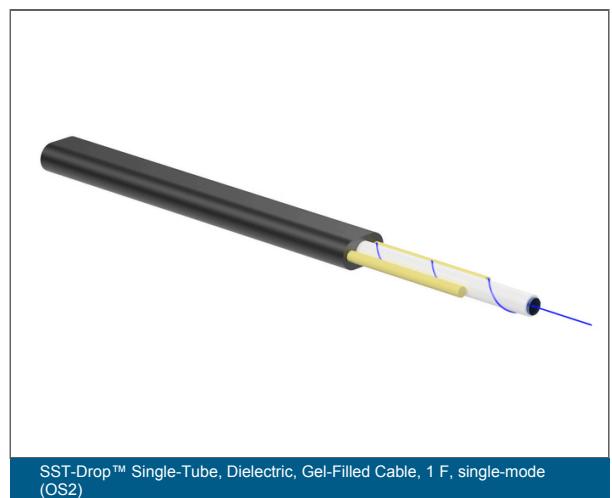
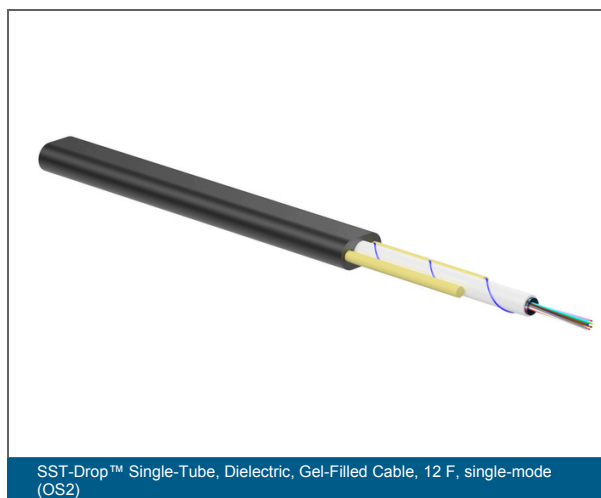
Eliminates bonding

Standard ALTOS® Cable tube design in single-tube design

Standard practices and hardware compatibility

Crush resistance

Fiber protection and signal integrity



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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, Figure-8
Cable Type	Single Tube
Reaction to Fire	Fca

Temperature Range

Temperature Range, Storage	-40 °C - 70 °C
Temperature Range, Operation	-40 °C - 70 °C

Design Characteristics Cable

Fiber Count	Fibers per Tube	Buffer Tube Diameter
1	1	3 mm
2	2	3 mm
4	4	3 mm
6	6	3 mm
8	8	3 mm
12	12	3 mm
16	16	3 mm
24	24	3 mm

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Mechanical Characteristics Cable

Fiber Count	Nominal Outer Diameter	Min. Bend Radius Operation	Crush Resistance	Max. Tensile Strength, Short-Term	Max. Tensile Strength, Long-Term	Cable Weight
1 - 24	8.1 mmx 4.5 mm	80 mm	3000 N/10 cm	1350 N	400 N	30 kg/km

Transmission Performance

Single-mode

Fiber Name	Bend-Improved Single-mode (OS2)	Single-mode (OS2) - ClearCurve® ZBL
Performance Option Code	20	22
Fiber Category	OS2	OS2
Wavelengths	1310 nm / 1383 nm / 1550 nm	1310 nm / 1383 nm / 1550 nm
Fiber Code	Z	E - U
Maximum Attenuation	0.34 dB/km / 0.34 dB/km / 0.20 dB/km	0.36 dB/km / 0.36 dB/km / 0.22 dB/km



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