

SST-Drop™ Single-Tube, Gel-Filled Cable 2 F, E9/125 SMF-28® ULTRA



Part Number:
002ZB4-13120A20

Corning SST-Drop™ cables combine the ease of installation of standard ALTOS® cables with a single-tube, easy-access design. The dielectric version eliminates bonding and earthing requirements, while the toneable version includes a separable toning conductor for effortless detection of buried cable. Both versions are RDUP (RUS) Listed and provide exceptional crush resistance, making them ideal for demanding environments and underground installations.

Features and Benefits

Flexible, craft-friendly buffer tubes

Facilitate easy routing in closures

Dielectric central strength member

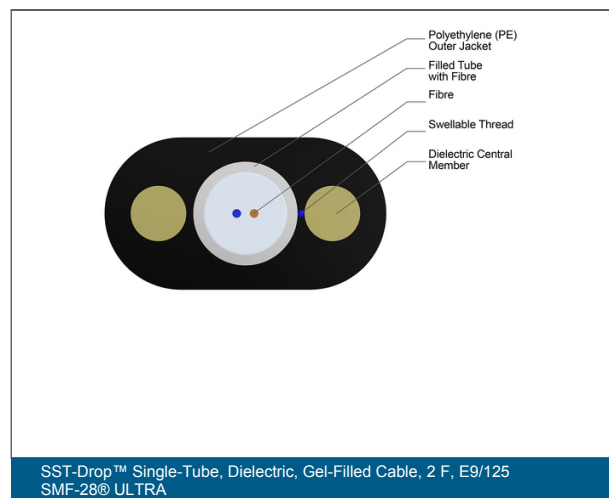
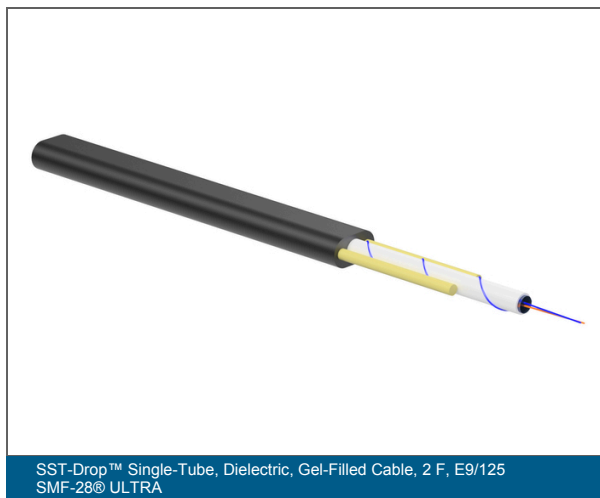
No preferential bend and requires no bonding or grounding

Polyethylene jacket

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

Toneable

Underground detection



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Specifications

General Specifications

Installation Methods	Aerial, Duct, Drop
Cable type	Central Tube
Environment	Outdoor
Product type	Dielectric
Fibre category	SMF-28® Ultra
Cable geometry	Other

Standards

Reaction to Fire	Fca
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Waterblocking	IEC 60794-1-22 Method F5B
Level of corrosion	Non-corrosive according to IEC 60754-2
Compliance	Not Available

Environmental Conditions

Temperature range, installation	-30 °C to 70 °C
Temperature range, operation	-40 °C to 70 °C
Temperature range, storage	-40 °C to 70 °C

Cable Design

Cable Print Unit of Measure	Meter
Cable marking	Metre - CORNING -Month/Year - Handset - 2E9ULTRA - ID Number
Central element	Dielectric
Fibre count	2
Outer jacket colour	Black

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Cable Design

Outer jacket material	Polyethylene (PE)
Tensile strength elements and/or armouring - Layer 1	Dielectric strength members
Buffer tube diameter	3 mm
Cable marking colour	White
Fibre colouring	Blue, orange
Fibres per tube	2
Colour Code Standards	Telcordia

Mechanical Specifications

Crush resistance	3000 N/10 cm
Max. tensile strength, long-term	400 N
Max. tensile strength, short-term	1350 N
Min. bend radius operation	80 mm
Nominal outer diameter	8.1 mm x 4.5 mm

Optical Characteristics

Fibre code	Z
Performance option code	20
Fibre category	OS2
Fibre Type	Single-mode (OS2) / 250 µm
Fibre name	Bend-Improved Single-mode (OS2)
Maximum Attenuation	0.34 dB/km / 0.34 dB/km / 0.20 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fibre compliance	ITU-T G.652.D and ITU-T G.657.A1
Fibre core diameter	8.2 µm
Cladding diameter	125 µm
Coating diameter	242 µm
Dispersion @ 1550 nm	≤ 18 [ps/(nm*km)]

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Optical Characteristics	
Dispersion @ 1625 nm	≤ 22 [ps/(nm*km)]
Cable cutoff wavelength	1260 nm
Mode-Field Diameter at 1310 nm	9.2 μm
Mode-Field Diameter at 1550 nm	10.4 μm
PMD Link Design Value	≤ 0.04 ps/√km
PMD (Polarization Mode Dispersion) maximum individual fibre	≤ 0.1 ps/√km

Dimensions	
Cable Weight	30.5 kg/km

Ordering Information	
Product Number	002ZB4-13120A20
Convenient Contractor-sized Packaging Length	609.6 m (2000 ft) gross weight 65 lbs., no specialized equipment needed



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