

SST-Drop™ Indoor/Outdoor, Gel-Free Cable, Toneable 2 F, ClearCurve® LBL, Single-mode (OS2)



CORNING

Part Number:
002JB1-14101-F9

Corning SST-Drop™ indoor/outdoor toneable cables provide the simple installation offered by standard SST-Drop cables designed for rugged outdoor environments and compact drop cables designed for challenging indoor bend environments. The design features a gel-free, fully waterblocked, UV-resistant 2.9 mm riser-rated (OFNR) drop cable centered inside a traditional SST-Drop toneable cable. Designed to meet industry-standard requirements for outdoor and indoor drop cables, the product eliminates the need for termination to transition from the outdoor environment to an indoor ONT. The toneable version can be clearly detected in underground installations with a toning conductor that can be easily separated.

The product is available in convenient contractor-sized packaging for easy field deployment and features bend-insensitive single-mode fiber, which enables installers to route the subunit around tight corners down to 5 mm (0.2 in) radius inside the home.

Features and Benefits

2.9 mm FRNC/LSZH subunit in a rugged outdoor cable

Eliminates need for termination transition in indoor ONT

Crush resistance

Fiber protection and signal integrity

UV-resistant, flame-retardant inner jacket

Rugged, durable and easy to strip

Toneable version

Underground detection

Small subunit diameter and bend-radius

Easy installation in space-constrained areas

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Specifications

Mechanical Specifications	
Max. Tensile Strength, Long-Term	400 N
Max. Tensile Strength, Short-Term	1350 N
Min. Bend Radius Operation	80 mm (3.15 in)
Nominal Outer Diameter	10.1 mm x 4.5 mm (0.4 in x 0.18 in)

Cable Design	
Fiber Count	2
Outer Jacket Color	Black
Outer Jacket Material	Polyethylene (PE)
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Inner Jacket Material	Flame-retardant
Tight Buffer Color	Blue, White
Toning Conductor	Copper Wire, AWG 24

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

General Specifications	
Environment	Indoor/Outdoor
Cable Type	Drop
Product Type	Toneable
Fiber Category	ClearCurve® LBL
Application	Self-Supporting , Aerial , Direct Buried , Duct / Horizontal

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Ordering Information

Weight	35 kg/km
Convenient Contractor-sized Packaging Length	609.6 m (2000 ft) gross weight 72 lbs., no specialized equipment needed

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	Compact Drop Subunit listed to National Electrical Code® (NEC®) OFNR, FT-4
Design and Test Criteria	ANSI/ICEA S-110-717, Telcordia GR-20-CORE, Telcordia GR-409-CORE

Optical Characteristics

Fiber Code	J
Fiber Name	ClearCurve® LBL
Fiber Type	Single-mode
Performance Option Code	01
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Category	G.657.A2/B2, G.652.D



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