

# SST-Drop™ Indoor/Outdoor, Gel-Free Cable, Toneable

2 F, ClearCurve® LBL, Single-mode (OS2)

CORNING

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

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### **Crush resistance**

Fiber protection and signal integrity

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### **UV-resistant, flame-retardant inner jacket**

Rugged, durable and easy to strip

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### **Toneable version**

Underground detection

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### **Small subunit diameter and bend-radius**

Easy installation in space-constrained areas

## Standards

<b>Approvals and Listings</b>	Compact Drop listed to National Electrical Code® (NEC®) OFNR, FT-4
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<b>Design and Test Criteria</b>	ANSI/ICEA S-110-717, Telcordia GR-20-CORE, Telcordia GR-409-CORE
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## Specifications

### General Specifications

Environment	Indoor/Outdoor Cables
Application	Self-Supporting, Aerial, Direct Buried, Duct / Horizontal, (Vertical Riser)
Cable Type	Drop
Fiber Category	ClearCurve® LBL
Product Type	Toneable

### Temperature Range

Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Installation	-30 °C to 70 °C (-22 °F to 158 °F)
Operation	-40 °C to 70 °C (-40 °F to 158 °F)

### Cable Design

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

### Mechanical Characteristics Cable

Max. Tensile Strength, Short-Term	1350 N (300 lbf)
Max. Tensile Strength, Long-Term	400 N (90 lbf)
Weight	32 kg/km (22 lb/1000 ft)
Nominal Outer Diameter	10.1 mm x 4.4 mm (0.39 in x 0.17 in)
Min. Bend Radius Operation	80 mm (3.15 in)

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## Maximum Span with One-Percent Installation Sag

Maximum Span with 1% Installation Sag, NESC Light	101 m (330 ft)
Maximum Span with 1% Installation Sag, NESC Medium	78 m (255 ft)
Maximum Span with 1% Installation Sag, NESC Heavy	46 m (150 ft)

## Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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## Ordering Information

Part Number	002JB1-14101-F9
Product Description	SST-Drop™ Indoor/Outdoor, Gel-Free Cable, Toneable, 2 F, Single-mode ClearCurve® LBL
EAN Code	4056418145907

## Shipping Information

Convenient Contractor-sized Packaging Length	610 m gross weight 72 lbs; no specialized equipment needed (2,000 ft gross weight 72 lbs; no specialized equipment needed)
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