

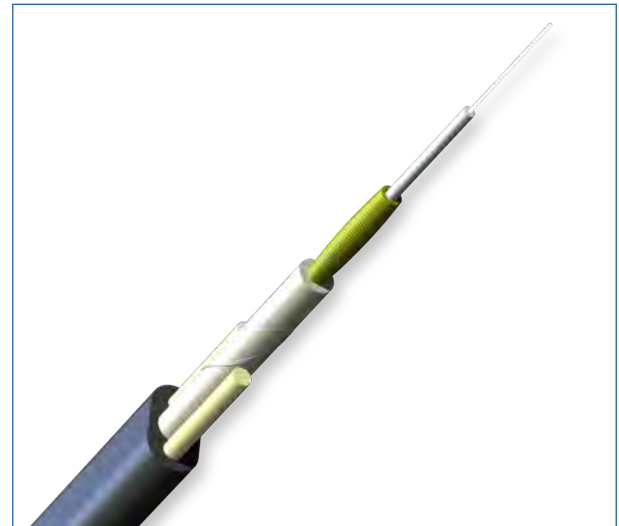
# SST-Drop™ Indoor/Outdoor, Gel-Free Cable, Dielectric

1 F, Bend-insensitive Single-mode (OS2)

CORNING

Corning SST-Drop™ indoor/outdoor dielectric 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 dielectric 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. This dielectric version eliminates any bonding and grounding requirements and is suitable for aerial, direct buried and duct installation. A toneable version is also available.

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.



Indoor/Outdoor SST-Drop Cable | Photo PIM0185

## Features and Benefits

### 2.9 mm OFNR 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

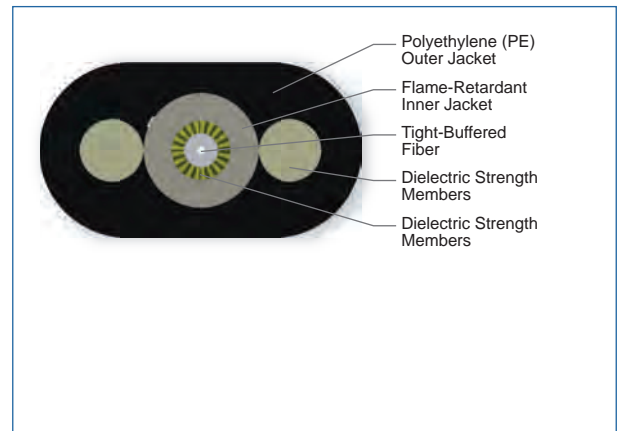
Rugged, durable and easy to strip

### Dielectric

Eliminates bonding and grounding requirements

### Small subunit diameter and bend-radius

Easy installation in space-constrained areas



SST-Drop Indoor/Outdoor Cable | Photo PIM0184

## Standards

### Approval 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

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## Specifications

### General Specifications

Environment	Indoor/Outdoor Cables
Application	Self-Supporting, Aerial, Direct Buried, Duct, (General Purpose Horizontal, Vertical Riser)
Cable Type	Drop
Fiber Category	Bend-insensitive Single-mode (OS2)
Product Type	Self-Supporting

### 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	1
Tight Buffer Color	white
Subunit Diameter	2.9 mm
Subunit Color	Natural
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Outer Jacket Material	Polyethylene (PE)
Outer Jacket Color	Black

### 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	8.1 mm x 4.5 mm (0.32 in x 0.17 in)
Outer Cable Minimum Bend-Radius Operation	80 mm (3.15 in)
Inner Cable Minimum Bend-Radius Operation	5 mm (0.2 in)

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## Maximum Span with One-Percent Installation Sag

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

## Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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## Fiber Specifications

### Optical Characteristics (cabled)

Fiber Name	ClearCurve® ZBL
Fiber Category	G.657.B3/G.652.D
Fiber Code	U
Performance Option Code	01
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Typical Attenuation*	0.35 dB/km / 0.35 dB/km / 0.20 dB/km

\* Typical attenuation values match the attenuation values listed in the optical fiber specifications. See [www.corning.com/opticalfiber](http://www.corning.com/opticalfiber) for Corning optical fiber specifications. Better attenuation performance options are available for some fiber and cable types. Contact Customer Care for additional fiber options.

## Ordering Information

Part Number	001UB4-14101-F9
Product Description	SST-Drop™ Indoor/Outdoor, Gel-Free Cable, Dielectric, 1 F, Bend-insensitive Single-mode (OS2)

## Shipping Information

Convenient Contractor-sized Packaging Length	609.6 m gross weight 72 lbs; no specialized equipment needed (2,000 ft gross weight 72 lbs; no specialized equipment needed)
Traditional Bulk Packaging	up to 5000 m typically require reel payoff equipment

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## Notes



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