

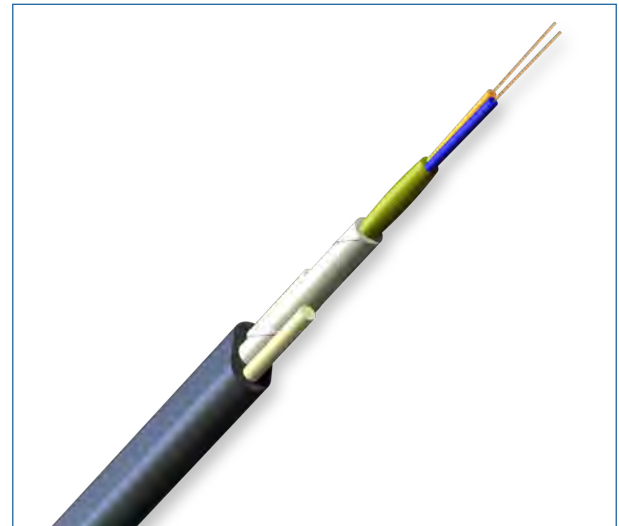
# SST-Drop™ Indoor/Outdoor, Gel-Free Cable, Dielectric

2 F, Single-mode ClearCurve® LBL

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-tolerant single-mode fiber, which enables installers to route the subunit around tight corners down to 30 mm (1.2 in) or 7.5 mm (0.3 in) radius inside the home.



Part Number: 002JB4-13101-F9

## 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

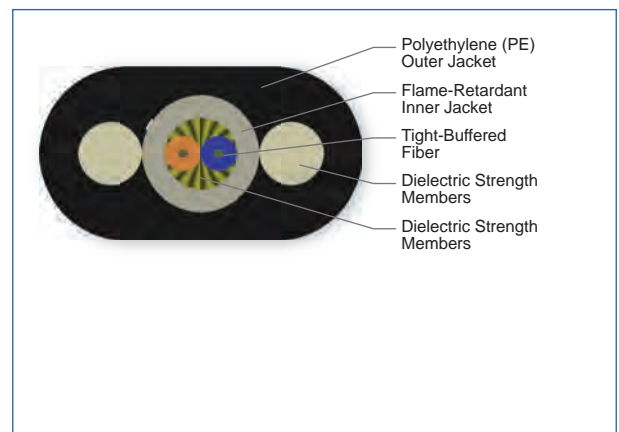
Rugged, durable and easy to strip

### Dielectric

Eliminates bonding and grounding requirements

### Small subunit diameter and bend-radius

Easy installation in space-constrained areas



Cross Section of Part Number: 002JB4-13101-F9

## 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

CORNING

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

2 F, Single-mode ClearCurve® LBL

CORNING

## Specifications

### General Specifications

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

### 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

### 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)
Min. Bend Radius Operation	80 mm (3.15 in)
Nominal Outer Diameter	8.1 mm x 4.4 mm (0.32 in x 0.17 in)

### 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)

CORNING

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

2 F, Single-mode ClearCurve® LBL

CORNING

## Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
------	-----------------------------------------------------------

## Fiber Specifications

### Optical Characteristics (cabled)

Fiber Type	Bend-tolerant Single-mode (OS2)
Fiber Core Diameter	8.2 µm
Fiber Category	OS2
Fiber Code	J
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
Serial 1 Gigabit Ethernet	5000 m / - / -
Serial 10 Gigabit Ethernet	10000 m / - / 40000 m

\* ITU-T G.652 D compliant.

\* Meets 0.75 ns optical skew when used in all Corning Plug and Play™/Pretium EDGE® systems solutions.

Notes: 1) Improved attenuation and bandwidth options available.  
2) Bend-insensitive single-mode fibers available on request.  
3) Contact a Corning Customer Care Representative for additional information.

## Ordering Information

Part Number	002JB4-13101-F9
Product Description	SST-Drop™ Indoor/Outdoor, Gel-Free Cable, Dielectric, 2 F, Single-mode ClearCurve® LBL

## 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)
----------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

CORNING

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

2 F, Single-mode ClearCurve® LBL

CORNING

## Notes



Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • [www.corning.com/opcomm](http://www.corning.com/opcomm)

A complete listing of the trademarks of Corning Optical Communications is available at [www.corning.com/opcomm/trademarks](http://www.corning.com/opcomm/trademarks).  
Corning Optical Communications is ISO 9001 certified. © 2014 Corning Optical Communications. All rights reserved.

CORNING