

SST-Drop™ Indoor/Outdoor, Gel-Free Cables, Toneable

CORNING

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

Small subunit diameter and bend-radius

Easy installation in space-constrained areas

Dielectric

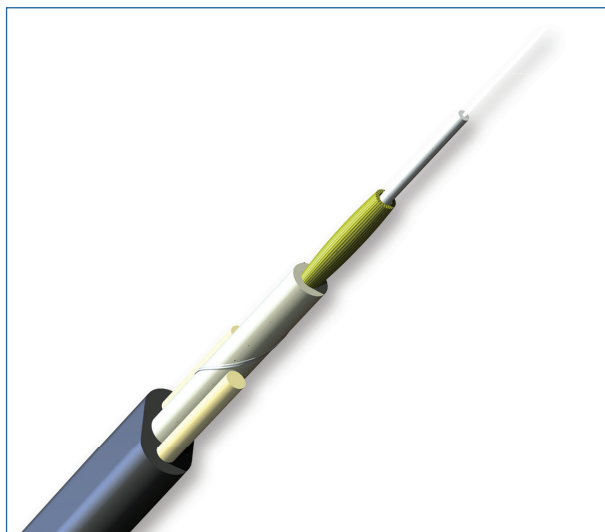
Eliminates bonding and grounding requirements

Common Installations

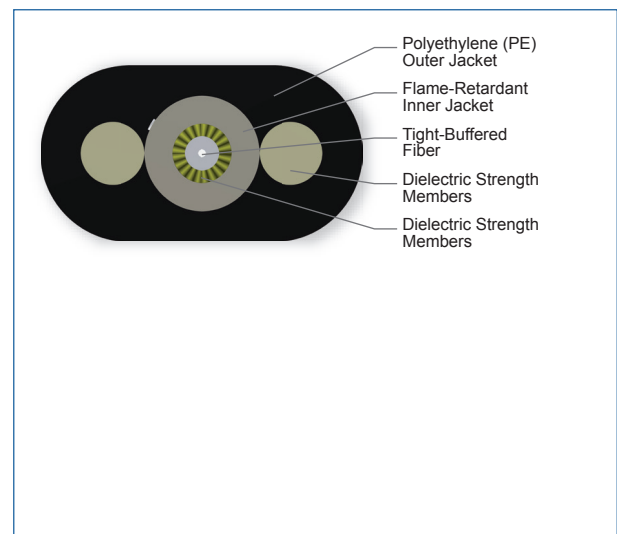
Outdoor aerial, duct and direct-buried; indoor when installed according to National Electrical Code® (NEC®) Article 770

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.



SST-Drop Indoor/Outdoor Cable
| Photo PIM0185



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Standards

Listings Compact Drop Subunit
listed to National Electrical
Code® (NEC®) OFNR

Design and Test Criteria ANSI/ICEA S-110-717,
Telcordia GR-20-CORE,
Telcordia GR-409-CORE,
CSA FT-4

Specifications

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)

* Note: Corning recommends storing cable in a proper temperature environment prior to installation to allow the cable temperature to meet installation temperature range specifications for best installation results.

Mechanical Characteristics Cable

Fiber Count	Weight	Nominal Outer Diameter	Min. Bend Radius Operation
1	35 kg/km (24 lb/1000 ft)	10.1 mm x 4.5 mm (0.39 in x 0.17 in)	80 mm (3.15 in)
2	32 kg/km (22 lb/1000 ft)	10.1 mm x 4.4 mm (0.39 in x 0.17 in)	80 mm (3.15 in)

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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Single-mode		
Fiber Name	ClearCurve® LBL	ClearCurve® ZBL
Fiber Category	G.652.D	G.657.B3/G.652.D
Fiber Code	J	U
Performance Option Code	01	01
Wavelengths (nm)	1310/1383/1550	1310/1383/1550
Maximum Attenuation (dB/km)	0.4/0.4/0.3	0.4/0.4/0.3
Typical Attenuation* (dB/km)	0.35/0.35/0.35	0.35/0.35/0.20

* Contact a Corning Customer Care Representative for additional information.

A horizontal number line with 11 boxes representing integers from 0 to 10. Above the line, the following are placed: three empty boxes at 0, 1, and 2; the letter 'B' at 3; '1 - 1' at 4; '4' at 5; '1' at 6; '0' at 7; '1' at 8; a hyphen '-' at 9; and the letter 'F' at 10. Below the line, the following are placed: the number '1' at 1; the number '2' at 2; the number '3' at 3; the number '4' at 4; the number '5' at 5; the number '6' at 6; the number '7' at 7; the number '8' at 8; the number '9' at 9; and the number '10' at 10.

- | | | |
|--|--|--|
| 1 Select fiber count.
001 - 002 | 4 Defines jacket.
1 = Dielectric strength members/
PE jacket plus copper wire | 8 Defines performance
option code.
01 = Single-mode (OS2)
(Max. attenuation 0.4/0.4/0.3 dB/km) |
| 2 Defines fiber type.
U = Single-mode (OS2)
ClearCurve® ZBL
J = Single-mode (OS2)
ClearCurve® LBL | 5 Defines fiber placement.
1 = All fibers in same tube
(standard) | 9 Defines cable type.
- = Gel-free cable |
| 3 Defines cable type.
B = SST-Drop cable | 6 Defines length markings.
4 = Markings in ft (standard) | 10 Defines special
requirements.
F9 = No special requirements |
| | 7 Defines tensile strength.
1 = 3500 N/300 lb (standard) | |

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Notes



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