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

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

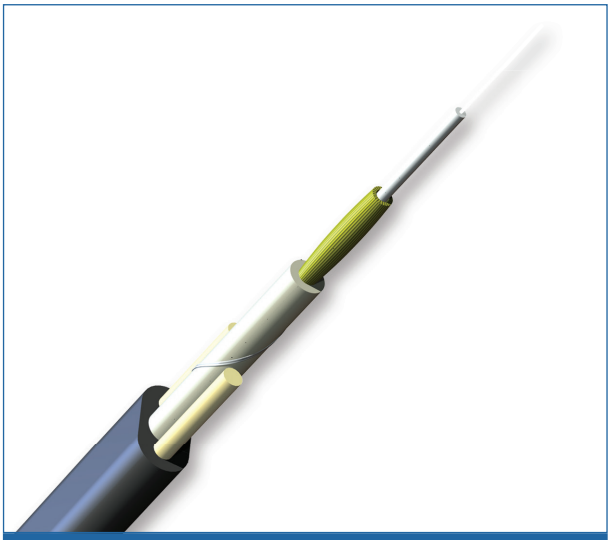
Small subunit diameter and bend-radius
Easy installation in space-constrained areas

Dielectric
Eliminates bonding and grounding requirements

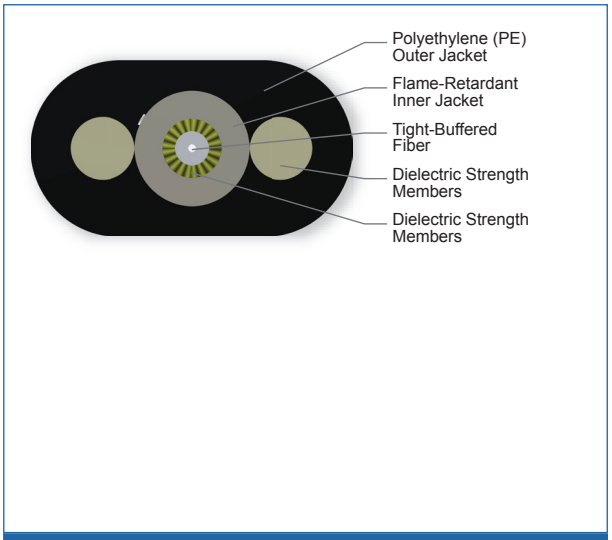
Common Installations
Outdoor aerial, duct and direct-buried; indoor when installed according to National Electrical Code® (NEC®) Article 770

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-insenstive 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



SST-Drop Indoor/Outdoor Cable | Photo PIM0184

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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)

Mechanical Characteristics Cable			
Fiber Count	Weight	Nominal Outer Diameter	Min. Bend Radius Operation
1	32 kg/km (22 lb/1000 ft)	8.1 mm x 4.5 mm (0.32 in x 0.17 in)	80 mm (3.15 in)
2	32 kg/km (22 lb/1000 ft)	8.1 mm x 4.4 mm (0.32 in x 0.17 in)	80 mm (3.15 in)

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

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Transmission Performance

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)	0.350.350.35	0.35/0.35/0.20

** Improved attenuation and bandwidth options available.*
** Bend-insensitive single-mode fibers available on request.*
** 50 µm multimode fiber macrobend loss ≤ 0.2 dB at 850 nm for two turns around 7.5 mm radius mandrel.*
** Contact a Corning Customer Care Representative for additional information.*

Ordering Information | *Note: Contact Customer Care at 1-800-743-2675 for other options.*

□ □ □	□	B	4	-	1	4	1	0	1	-	F	9
1	2	3	4		5	6	7	8		9	10	

1 Select fiber count.
001 - 002

2 Defines fiber type.
U = Single-mode (OS2) ClearCurve® ZBL
J = Single-mode (OS2) ClearCurve® LBL

3 Defines cable type.
B = SST-Drop cable

4 Defines jacket.
4 = Dielectric strength members/ PE jacket

5 Defines fiber placement.
1 = All fibers in same tube (standard)

6 Defines length markings.
4 = Markings in ft (standard)

7 Defines tensile strength.
1 = 3500 N/300 lb (standard)

8 Defines performance option code.
01 = Single-mode (OS2)
(Max. attenuation 0.4/0.4/0.3 dB/km)

9 Defines cable type.
- = Gel-free cable

10 Defines special requirements.
F9 = No special requirements

RoHS COMPLIANT

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