

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

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## Features and Benefits

### 2.9 mm 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

### Toneable version

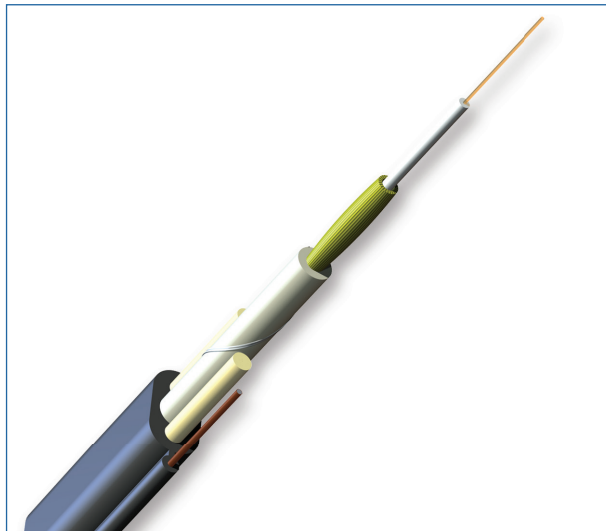
Underground detection

### Common Installations

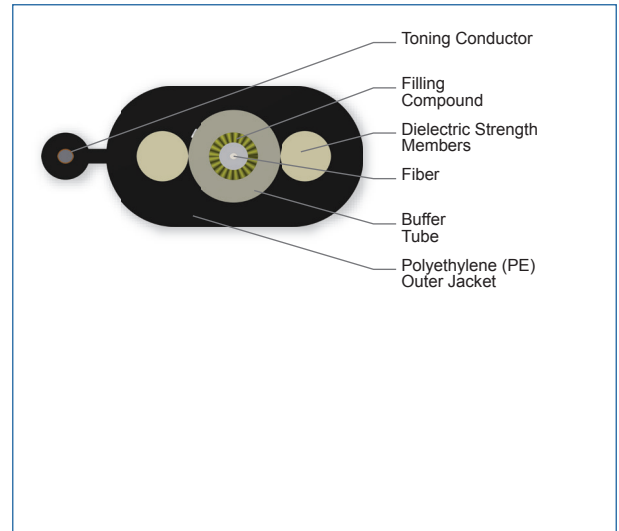
Outdoor aerial, duct and direct-buried; indoor when installed according to National Electrical Code® (NEC®) Article 770

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.



SST-Drop Indoor/Outdoor Cable



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## Standards

**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

## 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			
Max. Tensile Strength, Short-Term		1350 N (300 lbf)	
Max. Tensile Strength, Long-Term		400 N (90 lbf)	
Fiber Count	Weight	Nominal Outer Diameter	Min. Bend Radius Operation
1 - 2	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)

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

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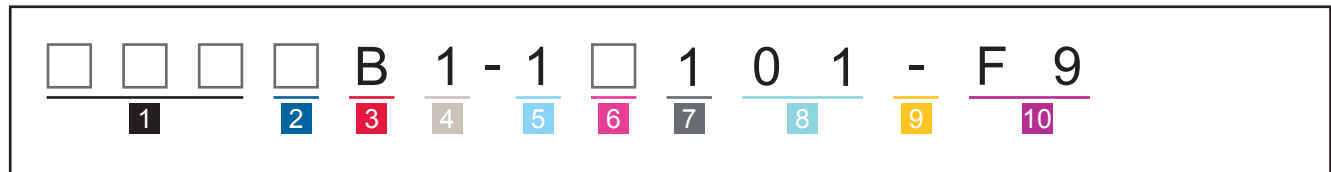


## Transmission Performance

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)	0.4/0.4/0.34	0.4/0.4/0.3
Typical Attenuation* (dB/km)	0.35/0.35/0.20	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.



- 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.  
1 = Toneable (PE jacket plus copper wire)
- 5** Defines fiber placement.  
1 = All fibers in same tube (standard)
- 6** Select length markings.  
4 = Markings in ft (standard)  
3 = Markings in meters
- 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 = Contains 900 µm 200 KPSI optical fiber to ensure aerial self-supporting capability

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## Notes



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