

SST-Drop™ Outdoor, Single-Tube, Dielectric, Gel-Filled Cable

CORNING

Features and Benefits

Standard ALTOS Cable tube design in single tube design

Standard practices and hardware compatibility

Crush Resistance

Fiber protection and signal integrity

RDUP listed (formerly RUS)

Material acceptability

Dielectric

Eliminates bonding and grounding requirements

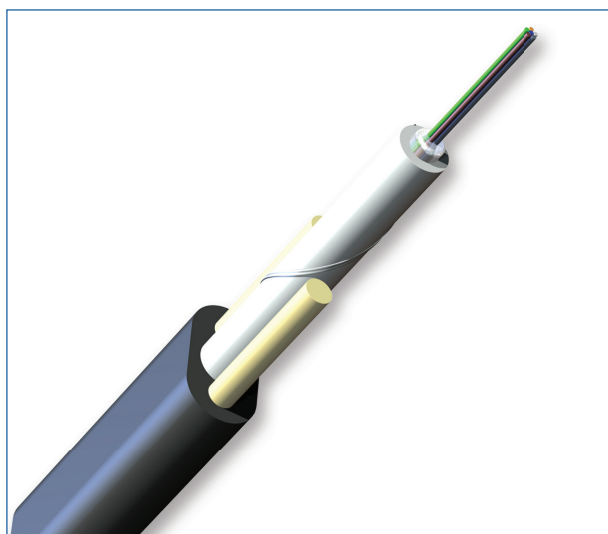
Corning SST-Drop™ dielectric cables offer the ease of installation of standard ALTOS® cables in an easy-access, single-tube design. The dielectric version eliminates any bonding and grounding requirements. The cables are RDUP listed (formerly RUS) and offer exceptional crush resistance. Dielectric cables are also available in preconnectorized assemblies.

Available in preconnectorized assemblies, the SST-Drop dielectric cable offers the perfect solution for drop applications.

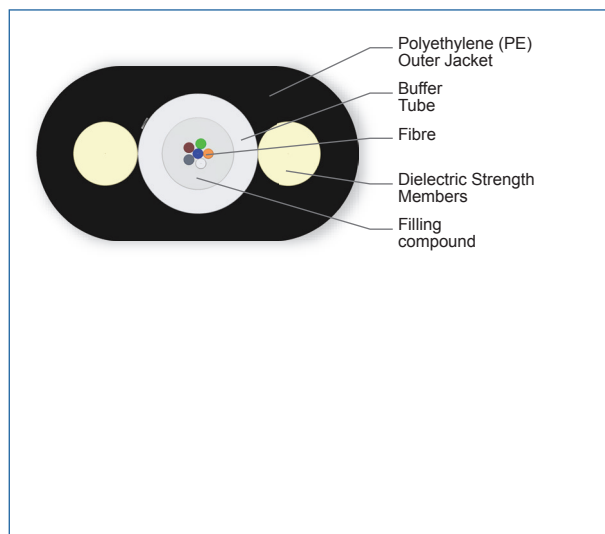
Standards

Listings

USDA Rural Development Programs



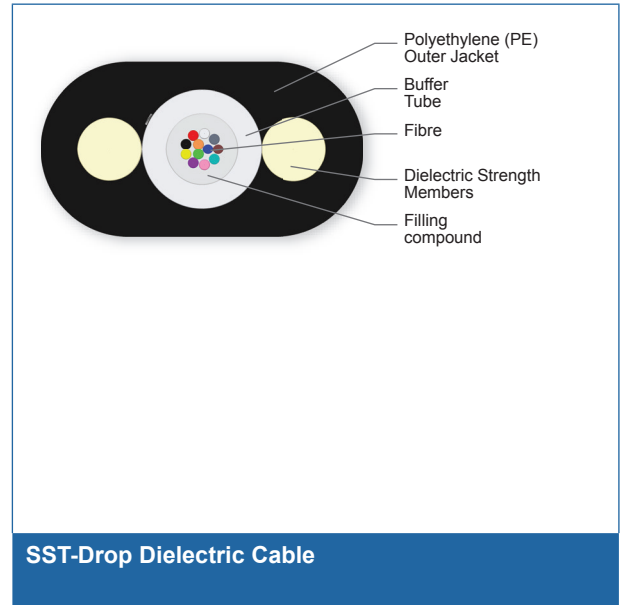
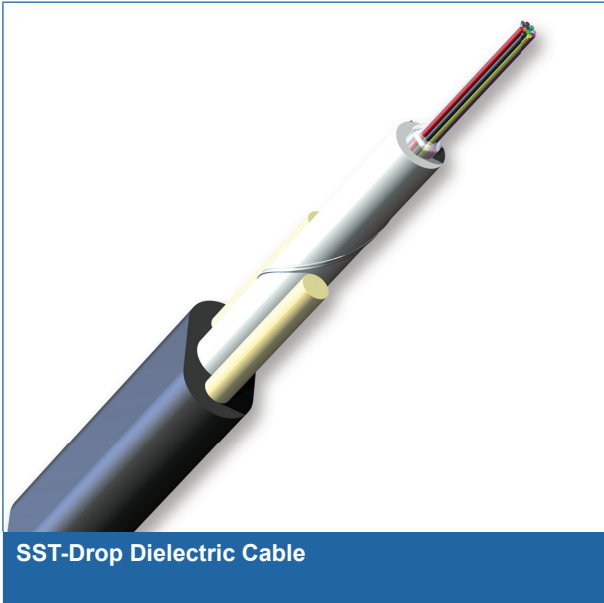
SST-Drop Dielectric Cable



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Specifications

| Temperature Range | |
|---------------------------|------------------------------------|
| Storage | -40 °C to 70 °C (-40 °F to 158 °F) |
| Installation and assembly | -30 °C to 70 °C (-22 °F to 158 °F) |
| Operation | -40 °C to 70 °C (-40 °F to 158 °F) |

| Mechanical Characteristics Cable | |
|-----------------------------------|------------------|
| Max. tensile strength, short-term | 1350 N (300 lbf) |
| Max. Tensile Strength, Long-Term | 400 N (90 lbf) |

| Fibre count | Buffer tube diameter | Nominal Outer Diameter | Min. Bend Radius Operation | Max. tensile strength, short-term | Max. Tensile Strength, Long-Term | Weight |
|-------------|----------------------|-------------------------------------|----------------------------|-----------------------------------|----------------------------------|--------------------------|
| 2 - 12 | 3 mm (0.12 in) | 8.1 mm x 4.5 mm (0.32 in x 0.17 in) | 80 mm (3.15 in) | 1350 N (300 lbf) | 400 N (90 lbf) | 30 kg/km (20 lb/1000 ft) |

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

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Transmission Performance

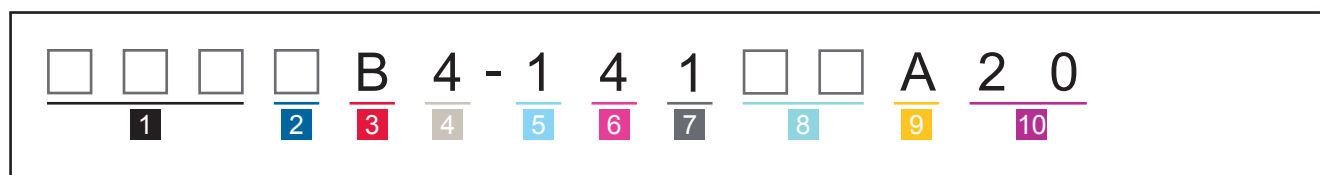
| Single-mode | | | |
|-----------------------------|-------------------|-------------------|-----------------------|
| Fibre name | Single-mode (OS2) | Single-mode (OS2) | SMF-28® Ultra fibre** |
| Fibre Category | G.652.D | G.652.D | G.652.D/G.657.A1 |
| Fibre code | E | E | Z |
| Performance Option Code | 00 | 01 | 22 |
| Wavelengths (nm) | 1310/1383/1550 | 1310/1383/1550 | 1310/1383/1550 |
| Maximum attenuation (dB/km) | 0.35/0.35/0.25 | 0.4/0.4/0.3 | 0.34/0.34/0.22 |

* Improved attenuation and bandwidth options available

* Bend-insensitive single-mode fibres available on request.

* Contact a Corning Customer Care Representative for additional information

Ordering Information | Note: For other options, please contact our Customer Care at cc.emea@corning.com or 00800 2676 4641.



1 Select fibre count.
001 - 012

2 Select fibre type.
E = Single-mode (G.652.D)
Z = Single-mode (G.652.D/
G.657.A1) SMF-28® Ultra

3 Defines cable type.
B = SST-Drop cable

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

5 Defines fibre placement.
1 = All fibres in same tube (standard)

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

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

8 Select performance option code.
01 = Single-mode (OS2)
(Max. attenuation 0.4/0.4/0.3 dB/km)
00 = Single-mode (OS2)
(Max. attenuation 0.35/0.35/0.25 dB/km)
22 = Single-mode (OS2)
(Max. attenuation 0.34/0.34/0.22 dB/km)

9 Defines cable type.
A = Gel-filled cable

10 Defines special requirements.
20 = No special requirements



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