

SST-Drop™ Outdoor, Single-Tube, Toneable, 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

Toneable

Underground detection

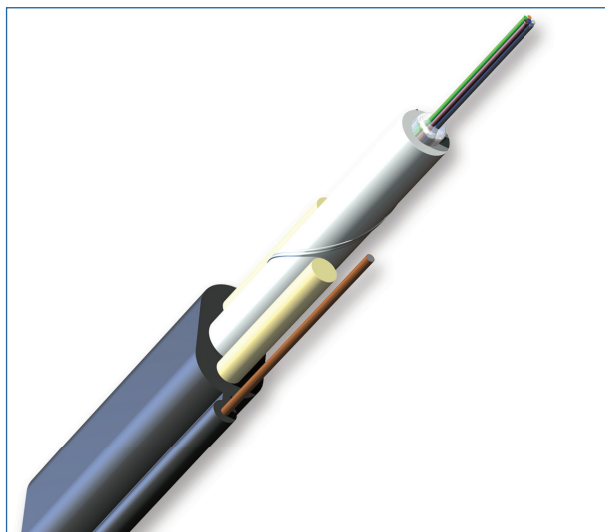
Corning SST-Drop™ toneable cables offer the ease of installation of standard ALTOS cable in an easy-access, single-tube design. The toneable version allows for effortless detection of buried cable with a toning conductor that can be separated. The cables are RDUP (RUS) Listed and offer exceptional crush resistance while the copper portion allows for clear detection in underground installation.

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

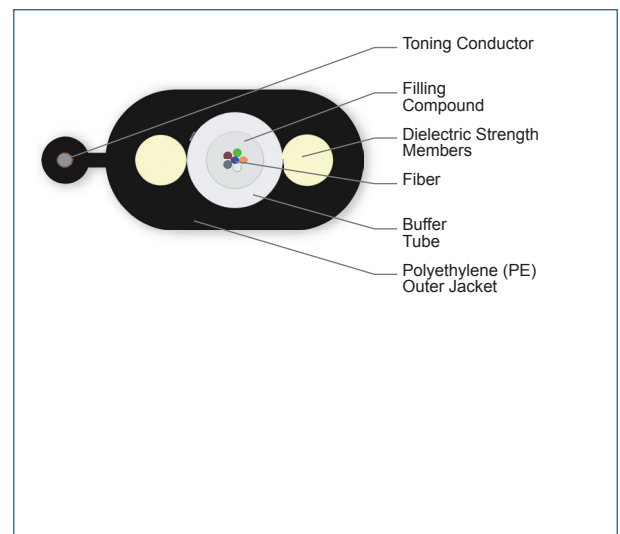
Standards

Listings

USDA Rural Development
Programs



SST-Drop Toneable Cables

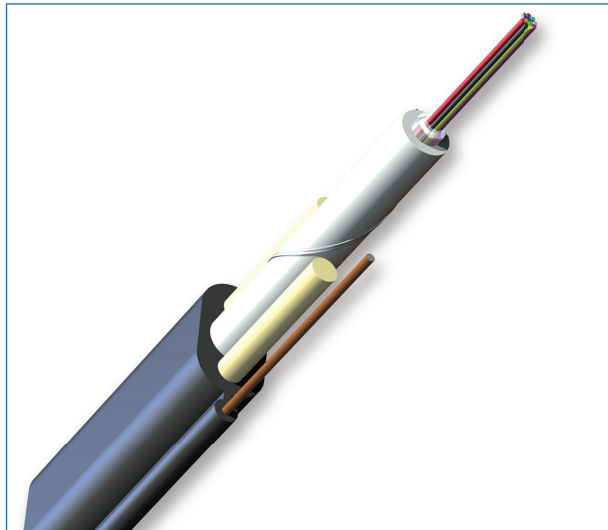


SST-Drop Toneable Cables

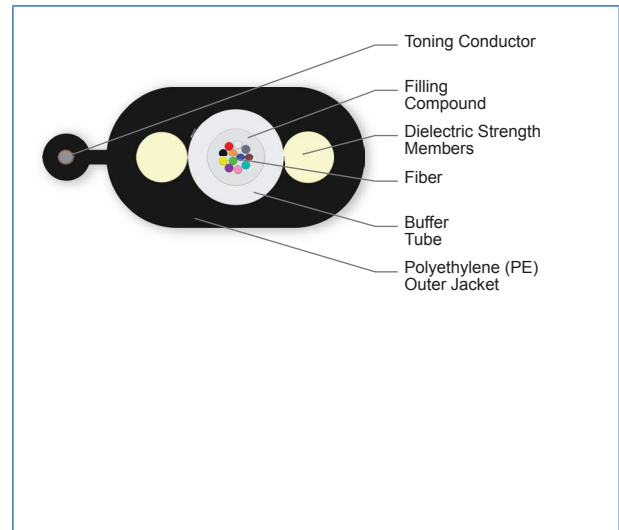
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SST-Drop Toneable Cables



SST-Drop Toneable Cables

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

Max. Tensile Strength, Short-Term	1350 N (300 lbf)
Max. Tensile Strength, Long-Term	400 N (90 lbf)

Fiber Count	Buffer Tube Diameter	Nominal Outer Diameter	Min. Bend Radius Operation	Max. Tensile Strength, Short-Term	Max. Tensile Strength, Long-Term	Weight
1 - 12	3 mm (0.12 in)	10.2 mm x 4.7 mm (0.38 in x 0.18 in)	80 mm (3.15 in)	1350 N (300 lbf)	400 N (90 lbf)	37 kg/km (25 lb/1000 ft)

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Transmission Performance

Multimode		
Fiber Core Diameter (μm)	50	62.5
Fiber Category	OM2	OM1
Fiber Code	T	K
Performance Option Code	31	30
Wavelengths (nm)	850/1300	850/1300
Maximum Attenuation (dB/km)	3.0/1.0	3.4/1.0
Serial 1 Gigabit Ethernet (m)	750/500	300/550
Serial 10 Gigabit Ethernet (m)	150/-	33/-
Min. Overfilled Launch (OFL) Bandwidth (MHz*km)	700/500	200/500
Minimum Effective Modal Bandwidth (EMB) (MHz*km)	950/-	220/-

Single-mode		
Fiber Name	Single-mode (OS2)	Single-mode (OS2)
Fiber Category	G.652.D	G.652.D
Fiber Code	E	E
Performance Option Code	00	01
Wavelengths (nm)	1310/1383/1550	1310/1383/1550
Maximum Attenuation (dB/km)	0.35/0.35/0.25	0.4/0.4/0.3

* 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.

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

<input type="text" value="001"/>	<input type="text" value="012"/>	<input type="text" value="K"/>	<input type="text" value="B"/>	<input type="text" value="1"/>	<input type="text" value="-"/>	<input type="text" value="1"/>	<input type="text" value="4"/>	<input type="text" value="1"/>	<input type="text" value="30"/>	<input type="text" value="A"/>	<input type="text" value="2"/>	<input type="text" value="0"/>
1	2	3	4	5	6	7	8	9	10			

1 Select fiber count.
001 - 012

2 Select fiber type.
K = 62.5 µm multimode (OM1)
T = 50 µm multimode (OM2)
E = Single-mode (G.652.D)

3 Defines cable type.
B = SST-Drop cable

4 Defines jacket.
1 = Dielectric strength members/
PE jacket plus copper wire

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 Select performance option code.
30 = 62.5 µm multimode (OM1)
31 = 50 µm multimode (OM2)
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)

9 Defines cable type.
A = Gel-filled cable

10 Defines special requirements.
20 = No special requirements



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