

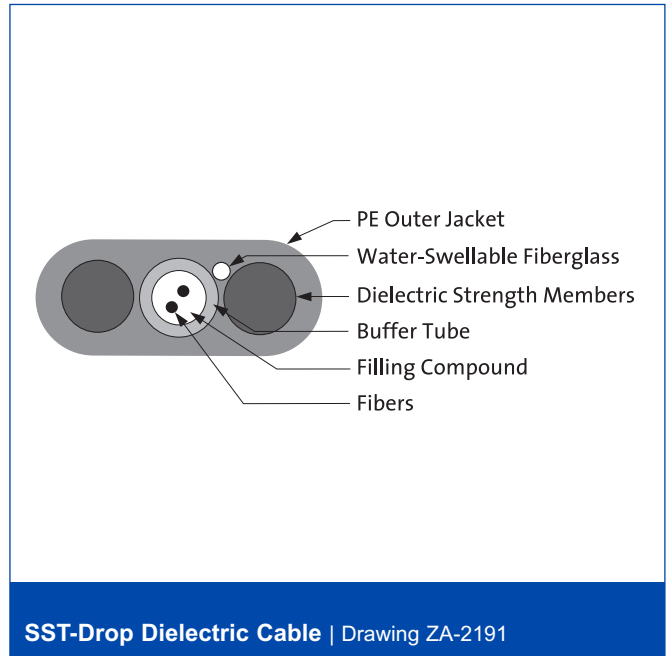
SST-Drop™ Dielectric Cables, 1-12 Fibers

A LANscape®
Solutions Product

features and benefits |

Standard ALTOS® Cables buffer tube 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 Cable Systems 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.



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specifications |

Duct/Direct Buried Installation Maximum Tensile Loads	Short-Term:	1350 N (300 lbf)
	Long-Term:	400 N (90 lbf)

Aerial Installation Maximum Tensile Load	1350 N (300 lbf)
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Temperatures	Storage:	-40° to +70°C (-40° to +158°F)
	Installation:	-30° to +70°C (-22° to +158°F)
	Operation:	-40° to +70°C (-40° to +158°F)

Packaging Options

Convenient Contractor-Sized Packaging	609.6 m (2000 ft); gross weight 65 lbs; no specialized equipment needed
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Traditional Bulk Packaging	Up to 12,100 m (40,000 ft); typically require reel payoff equipment
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NESC Environmental Loading Condition for Subscriber Drop Application	1% Installation Sag Maximum Span Distance m (ft)	Sag at Environmental Loading (%)	3% Installation Sag Maximum Span Distance m (ft)	Sag at Environmental Loading (%)
Heavy	45.7 (150)	4.5	56.1 (184)	5.5
Medium	77.7 (255)	4.1	97.5 (320)	5.3
Light	100.6 (330)	3.8	134.1 (440)	5.2

Note: Longer spans are possible if maximum applied load is not exceeded during environmental loading. Span calculations require known initial loading (force or percent sag), cable weight and anticipated environmental loads. Corning Cable Systems Engineering Services will assist with span calculations for unique circumstances. Contact 800-743-2671, or +1-828-901-5000 internationally, for more information. Information given is for aerial self-supporting.

Fiber Count	Buffer Tube Outside Diameter mm (in)	Nominal Weight kg/km (lb/1000 ft)	Nominal Dimensions mm (in)	Minimum Bend Radius Installed cm (in)
1-12	3.0 (0.12)	30 (20)	8.1 x 4.5 (0.32 x 0.17)	8.0 (3.15)

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transmission performance |

	LANscape® 62.5 Solutions	LANscape Pretium® 150 Solutions	Single-Mode
Fiber Code	K	T	E
Performance Option Code	30	31	01
Optical Fiber Type (µm)	62.5 Multimode	50 Multimode	Single-mode*
ISO/IEC 11801 Nomenclature	OM1	OM2	OS2
Wavelength (nm)	850/1300	850/1300	1310/1383/1550
Maximum Attenuation (dB/km)	3.4/1.0	3.0/1.0	0.4/0.4/0.3
Minimum Over Filled Launch (OFL) Bandwidth (MHz•km)	200/500	700/500	- / - / -
Minimum Effective Modal Bandwidth (EMB) (MHz•km)	220/ -	950/ -	- / - / -
Serial 1 Gigabit Ethernet Distance (m)	300/550	750/600	5000/ - / -
Serial 10 Gigabit Ethernet Distance (m)	33/ -	150/ -	10000/ - /40000

* ITU 652.D compliant.

Notes:

- 1) Improved attenuation and bandwidth options available.
- 2) Bend-insensitive single-mode fibers available on request.
- 3) Contact a Corning Cable Systems Customer Service Representative for additional information.
- 4) 50 µm multimode fiber macrobend loss ≤ 0.2 dB at 850 nm for two turns around 7.5 mm radius mandrel.

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ordering information | Contact Customer Service at 800-743-2671 for other options.

□	□	□	□	B	4	-	1	4	1	□	□	A	2	0
1	2	3	4	5	6		7	8	9	10	11	12	13	14

|1-3

Select fiber count.
(001 to 012)

|5 / 12

Defines cable type.
B / A = SST-Drop™ Cable

|7

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

|9

Defines tensile strength.
1 = 1350 N (300 lbf)

|4

Select fiber code
(see Transmission
Performance table).

|6

Defines jacket.
4 = Dielectric strength
members/PE jacket

|8

Defines length
markings.
4 = Markings in feet
(standard)

|10-11

Select performance
option code (see
Transmission
Performance table).

|13-14

Defines special
requirements.
20 = No special
requirements

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-901-5973 • International: +1-828-901-5000 • www.corning.com/cablesystems

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