

Toneable SST-Ribbon™ and SST-UltraRibbon™ Cable

A Corning Cable Systems Product

features and benefits |

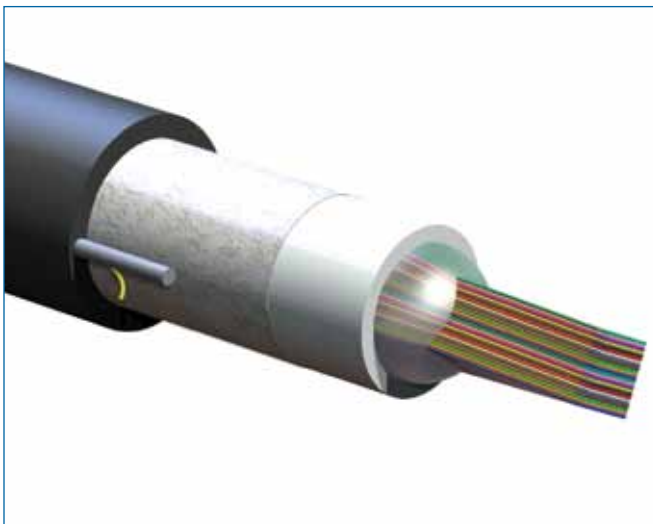
Steel wire conductors for toning	Accurate cable location over medium distances
Rugged, compact design	Takes up less duct space
12-, 24- or 36-fiber ribbons	Readily identifiable ribbon IDs and fiber colors
Individual fibers	Easily accessible
Precise fiber and ribbon geometries	Excellent mass-splicing yields
Hand-splittable ribbon	Facilitates mass-fusion splicing with 12-fiber units and no stray fibers

Corning Cable Systems SST-Ribbon™ and SST-UltraRibbon™ Cables provide the ultimate solution for outdoor high-fiber-count applications. The designs use 12-, 24- and 36-fiber ribbons within a central tube which work to minimize the buffer tube and cable dimensions. Available in fiber counts from 72 to 864, each 12-, 24- or 36-fiber ribbon can be easily separated by hand into two or three 12-fiber ribbons respectively. Available to provide the widest range of installation options with the capability of underground detection with most industry toning systems.

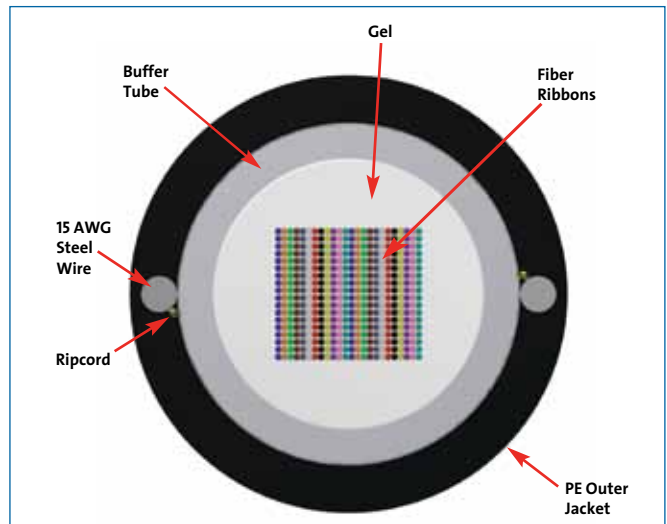
standards |

Available with ITU-7 G.655 fibers

Meets industry standard Telcordia GR-20



SST-UltraRibbon Gel-Filled Toneable 432 Fiber
| Drawing PIM0159



SST-UltraRibbon Gel-Filled Toneable 432 Fiber
| Drawing PIM0160

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specifications |

Maximum Tensile Loads Short-Term: 2700 N (600 lbf)
 Long-Term: 890 N (200 lbf)

Temperatures Storage: -40° to +70°C (-40° to +158°F)
 Installation: -30° to +70°C (-22° to +158°F)
 Long Term: -40° to +70°C (-40° to +158°F)

Common Installation Outdoor aerial, duct and direct-buried

Fiber Count	Buffer Tube Outer Diameter mm (in)	Cable Outer Diameter mm (in)	Nominal Weight kg/km (lb/1000 ft)	Minimum Bend Radius*	
				Loaded cm (in)	Installed cm (in)
72-96	6.7 (0.26)	12.0 (0.47)	134 (90)	18.0 (7.09)	12.0 (4.72)
108-144	7.8 (0.31)	13.1 (0.52)	156 (104)	19.7 (7.76)	13.1 (5.16)
156-216	10.5 (0.41)	15.8 (0.62)	213 (144)	23.7 (9.33)	15.8 (6.22)
240-432	14.2 (0.56)	19.1 (0.75)	300 (202)	28.7 (11.30)	19.1 (7.52)
504-864	17.9 (0.70)	22.9 (0.90)	431 (290)	34.4 (13.54)	22.9 (9.02)

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transmission performance |

Fiber Code	E	E
Performance Option Code	01	00
Optical Fiber Type (µm)	Single-mode*	Single-mode*
ISO/IEC 11801 Nomenclature	OS2	OS2
Wavelength (nm)	1310/1383/1550	1310/1383/1550
Maximum Attenuation (dB/km)	0.4/0.4/0.3	0.35/0.35/0.25
Minimum Over Filled Launch (OFL) Bandwidth (MHz•km)	- / - / -	- / - / -
Minimum Effective Modal Bandwidth (EMB) (MHz•km)	- / - / -	- / - / -
Serial 1 Gigabit Ethernet Distance (m)	5000/ -	5000/ -
Serial 10 Gigabit Ethernet Distance (m)	10000/40000	10000/40000

*ITU 652.D compliant.

Note:

- 1) Contact Corning Cable Systems Customer Service Representative for additional information.
- 2) Available with G.655 fiber.

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

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E	<input type="checkbox"/>	2	-	1	4	1	<input type="checkbox"/>	<input type="checkbox"/>	-	5	3
1	2	3	4	5	6		7	8	9	10	11	12	13	14

|1-3

Select fiber count.
(Multiples of 12)
72 to 864

|4

Defines fiber code.
E = Single-mode

|5 / 12

Select cable type.
C / - = 72-216 fiber SST-Ribbon™ Cable
V / - = 288-864 fiber SST-UltraRibbon™ Cable

|6

Select cable type.
2 = Steel toneable (15AWG)

|7

Defines fiber placement.
1 = Standard for ribbon cables

|8

Defines length marking.
4 = Markings in feet

|9

Defines tensile rating.
1 = 2700 N

|10-11

Select performance option code (see Transmission Performance table).

|13-14

Defines special manufacturing code.
53 = Standard jacket print

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/cablesystems

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