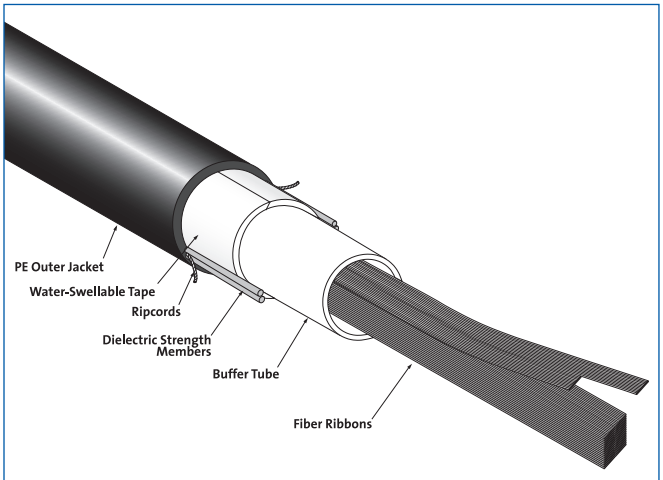
SST-UltraRibbon™ Cables 240-864 Fibers

A LANscape® Solutions Product

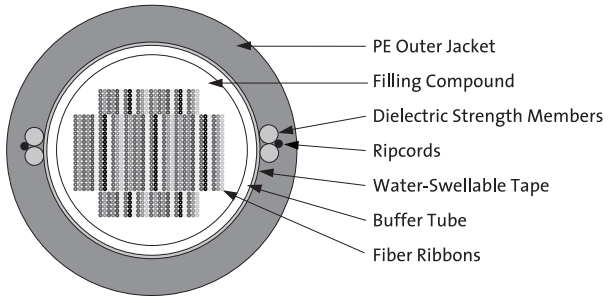
features and benefits |

Up to 864 fibers in a compact design	Maximize use of critical duct space
12-fiber ribbons individually numbered	Easy identification
Fiber and ribbon geometries	Provide excellent mass-fusion splicing results

Corning Cable Systems SST-UltraRibbon™ Cables provide the ultimate solution for outdoor high-fiber-count applications. The patented design uses both 24- and 36-fiber ribbons within a central tube which work to minimize the buffer tube and cable dimensions. The SST- UltraRibbon Cables are the smallest and lightest in the industry and designed to maximize the use of critical duct space with excellent installation results. Available in fiber counts from 240 to 432, 576, 720 or 864, each 24- or 36-fiber ribbon can be easily separated by hand into two or three 12-fiber ribbons respectively. Dielectric and single-armored versions are available to provide the widest range of installation options with the capability of underground detection with most industry-toning systems.



SST-UltraRibbon Cable | Drawing ZA-1751



SST-UltraRibbon All-Dielectric Cable, 864-Fibers | Drawing ZA-2313

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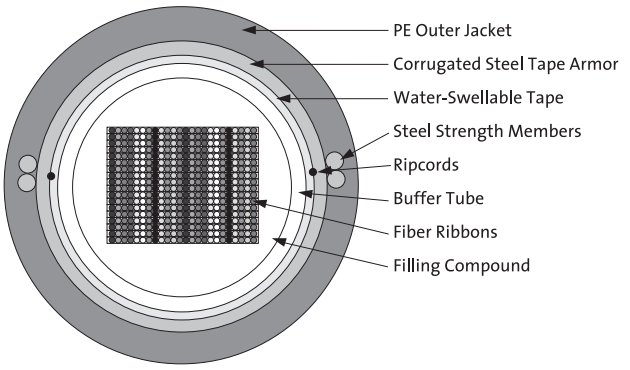
SST-UltraRibbon™ Cables
240-864 Fibers

A LANscape®
Solutions Product



SST-UltraRibbon
Armored Cable, 432-Fiber | Drawing ZA-1756

specifications |

Maximum Tensile Loads	Short Term: Long Term:	2700 N (600 lbf) 890 N (200 lbf)
Temperatures	Storage: Installation: Long Term:	-40° to +70°C (-40° to +158°F) -30° to +70°C (-22° to 158°F) -40° to +70°C (-40° to +158°F)
Common Installation	Outdoor aerial, duct and direct-buried Indoor when installed according to NEC Article 770	
Design and Test Criteria	ANSI/ICEA S-87-640, Telecordia GR-20	
Approvals and Listings	RDUP PE-90 Listed	

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SST-UltraRibbon™ Cables 240-864 Fibers

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specifications | (continued)

Fiber Count	Fibers per Ribbon	Buffer Tube O.D. mm (in)	Nominal Weight kg/km (lb/1000 ft)	Nominal Diameter* mm (in)	Minimum Bend Radius Loaded cm (in)	Minimum Bend Radius Installed cm (in)
All-Dielectric						
240-432	24	14.2 (0.56)	322 (216)	20.1 (0.79)	30.2 (11.8)	20.1 (7.9)
576, 720 and 864	24 and 36	17.9 (0.70)	453 (303) 465 (312)	24.0 (0.94)	36.0 (14.2)	36.0 (14.2)
Single-Armored						
240-432	24	14.2 (0.56)	420 (282), 442 (297)	21.3 (0.84)	31.9 (12.5)	21.3 (8.4)
576, 720 and 864	24 and 36	17.9 (0.70)	539 (362) 575 (386)	25.0 (0.98)	37.5 (14.8)	37.5 (14.8)

** Actual diameter may vary by ± 5%.*

transmission performance |

Fiber Code	E
Performance Option Code	00
Fiber Type	Single-mode (1310/1383/1550 nm)
Maximum Attenuation (dB/km)	0.35/0.35/0.25
Minimum LED Bandwidth (MHz•km)	– / – / –
Minimum Effective Modal Bandwidth (MHz•km)	– / – / –
Serial Gigabit Ethernet Distance (m)	5000/ –
Serial 10 Gigabit Ethernet Distance (m)	10000/40000

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SST-UltraRibbon™ Cables
240-864 Fibers

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

☐	☐	☐	E	V	☐	-	1	4	1	☐	☐	-	5	3
1	2	3	4	5	6		7	8	9	10	11	12	13	14

1-3
Select fiber count.

288 576
360 720
432 864

4
Defines fiber type.

E = Single-mode

5/12
Defines cable design.

6
Select outer jacket.

4 = Dielectric
5 = Armored

7
Defines fiber placement.

1 = Standard for ribbon cables

8
Defines length markings.

4 = Markings in feet (standard)

9
Defines tensile strength.

1 = 2700 N, standard

10-11
Select performance option code (see Transmission Performance Table).

13-14
Defines special requirements.

53 = Standard jacket print

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