SST-UltraRibbon™ Riser Cables, 288-432 Fibers

A LANscape® Solutions Product

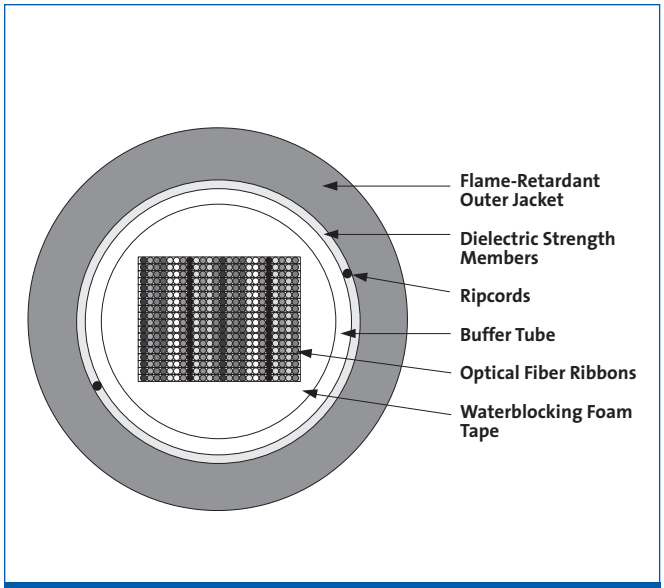
features and benefits |

Each 12-fiber ribbon individually numbered	Easy identification
Precise fiber and ribbon geometries	Excellent mass splicing yields
Up to 432 fibers in a compact design	Easily fits in 1.25 in diameter innerduct
Flame-retardant jacket	Rugged and durable

Corning Cable Systems SST-UltraRibbon™ Riser Cables continue the innovative breakthrough in indoor cable technology by introducing a new generation of high-fiber-count single tube cables. Providing up to 432 fibers in a rugged, compact design, the cable maximizes the use of critical duct space and can easily fit in 1.25 in innerduct. A specially formulated flame-retardant jacket allows this cable the flexibility to be used in indoor general purpose horizontal and riser applications.

The cable consists of a single buffer tube containing a stack of up to (18) 24-fiber ribbons. Available in fiber counts from 288 to 432, each 24-fiber ribbon can be easily separated by hand into (2) 12-fiber ribbons. The 12-fiber ribbons have readily identifiable ribbon IDs, fiber colors and geometries that result in excellent mass-splicing yields.

RoHS COMPLIANT



SST-UltraRibbon Riser Cable, 432-Fiber | Drawing ZA-3531

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specifications |

Maximum Tensile Loads	Short-Term: Long-Term:	2700 N (600 lbf) 890 N (200 lbf)
Temperatures	Storage: Installation: Operation:	-40° to +70°C (-40° to +158°F) -10° to +60°C (+14° to +140°F) -20° to +70°C (-4° to +158°F)
Common Installations	Indoor vertical riser and general purpose horizontal according to National Electrical Code® (NEC®) Article 770	
Design and Test Criteria	ANSI/ICEA S-83-596	
Approvals and Listings	National Electric Code (NEC) OFNR, CSA FT-4	

Fiber Count	Buffer Tube Outside Diameter mm (in)	Nominal Weight kg/km (lb/1000 ft)	Nominal Outside Diameter mm (in)	Minimum Bend Radius Loaded cm (in)	Minimum Bend Radius Installed cm (in)
288	14.0 (0.55)	322 (216)	21.2 (0.83)	31.8 (12.5)	21.2 (8.3)
360	14.6 (0.57)	340 (228)	21.8 (0.86)	32.7 (12.9)	21.8 (8.6)
432	15.4 (0.60)	364 (245)	22.6 (0.89)	33.9 (13.3)	22.6 (8.9)

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transmission performance |

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

** ITU-T G.652.D compliant.*

Notes:
1) Contact Corning Cable Systems Customer Service Representative for other fiber types available

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

☐	☐	☐	☐	V	7	-	1	4	1	☐	☐	D	2	0
1	2	3	4	5	6		7	8	9	10	11	12	13	14

1-3
Select fiber count.
288
360
432

4
Select fiber code (see Transmission Performance table).

5 / 12
Defines cable design.
V / D = SST-UltraRibbon™ Riser Cable

6
Select outer jacket.
7 = Riser

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.
20 = Standard

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