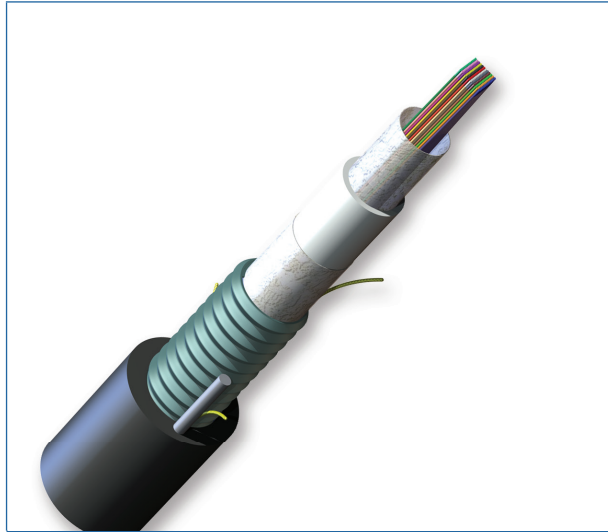
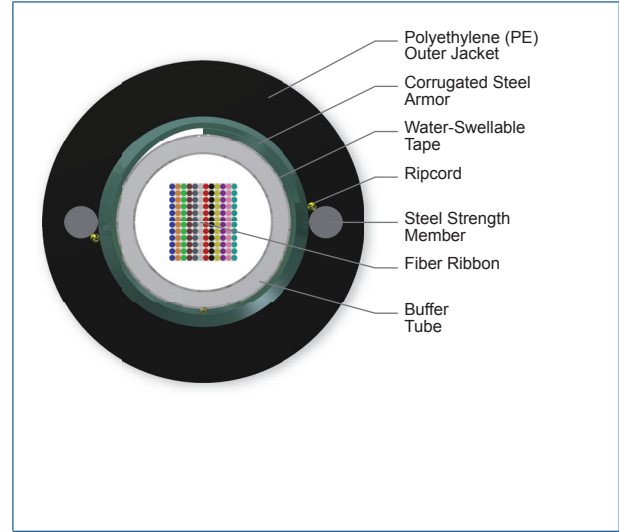


SST-Ribbon™ Gel-Free Cables

CORNING



SST-Ribbon Gel-Free Single-Armored Cable, 144 Fibers | Photo PIM2413



SST-Ribbon Gel-Free Single-Armored Cable, 144 Fibers

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)

* Note: Corning recommends storing cable in a proper temperature environment prior to installation to allow the cable temperature to meet installation temperature range specifications for best installation results.

Mechanical Characteristics Cable	
Max. Tensile Strength, Short-Term	2700 N (600 lbf)
Max. Tensile Strength, Long-Term	890 N (200 lbf)

Fiber Count	Weight	Buffer Tube Diameter	Nominal Outer Diameter	Min. Bend Radius Installation	Min. Bend Radius Operation
Dielectric					
12	82 kg/km (55 lb/1000 ft)	5.6 mm (0.22 in)	10.4 mm (0.41 in)	156 mm (6.2 in)	104 mm (4.1 in)
24 - 36	83 kg/km (56 lb/1000 ft)	5.6 mm (0.22 in)	10.4 mm (0.41 in)	156 mm (6.2 in)	104 mm (4.1 in)
48	84 kg/km (57 lb/1000 ft)	5.6 mm (0.22 in)	10.4 mm (0.41 in)	156 mm (6.2 in)	104 mm (4.1 in)

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SST-Ribbon™ Gel-Free Cables

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Fiber Count	Weight	Buffer Tube Diameter	Nominal Outer Diameter	Min. Bend Radius Installation	Min. Bend Radius Operation
72	100 kg/km (67 lb/1000 ft)	6.1 mm (0.24 in)	11.3 mm (0.44 in)	170 mm (6.7 in)	113 mm (4.4 in)
96	111 kg/km (75 lb/1000 ft)	7.0 mm (0.28 in)	12.2 mm (0.48 in)	183 mm (7.2 in)	122 mm (4.8 in)
144	125 kg/km (84 lb/1000 ft)	7.8 mm (0.30 in)	13.0 mm (0.51 in)	195 mm (7.7 in)	130 mm (5.1 in)
216	220 kg/km (148 lb/1000 ft)	12.3 mm (0.48 in)	18.1 mm (0.71 in)	272 mm (10.7 in)	181 mm (7.1 in)
Armored					
12	153 kg/km (102 lb/1000 ft)	5.6 mm (0.22 in)	11.85 mm (0.47 in)	178 mm (7.1 in)	119 mm (4.7 in)
24	155 kg/km (104 lb/1000 ft)	5.6 mm (0.22 in)	11.85 mm (0.47 in)	178 mm (7.1 in)	119 mm (4.7 in)
36	155 kg/km (105 lb/1000 ft)	5.6 mm (0.22 in)	11.85 mm (0.47 in)	178 mm (7.1 in)	119 mm (4.7 in)
48	156 kg/km (106 lb/1000 ft)	5.6 mm (0.22 in)	11.85 mm (0.47 in)	178 mm (7.1 in)	119 mm (4.7 in)
72	175 kg/km (118 lb/1000 ft)	6.1 mm (0.24 in)	12.90 mm (0.51 in)	194 mm (7.7 in)	129 mm (5.1 in)
96	190 kg/km (128 lb/1000 ft)	7.0 mm (0.28 in)	13.50 mm (0.53 in)	203 mm (8.0 in)	135 mm (5.3 in)
144	205 kg/km (138 lb/1000 ft)	7.8 mm (0.30 in)	13.90 mm (0.55 in)	209 mm (8.3 in)	139 mm (5.5 in)
216	311 kg/km (209 lb/1000 ft)	12.3 mm (0.48 in)	18.7 mm (0.74 in)	281 mm (11.1 in)	187 mm (7.6 in)

Chemical Characteristics

RoHS

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

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SST-Ribbon™ Gel-Free Cables

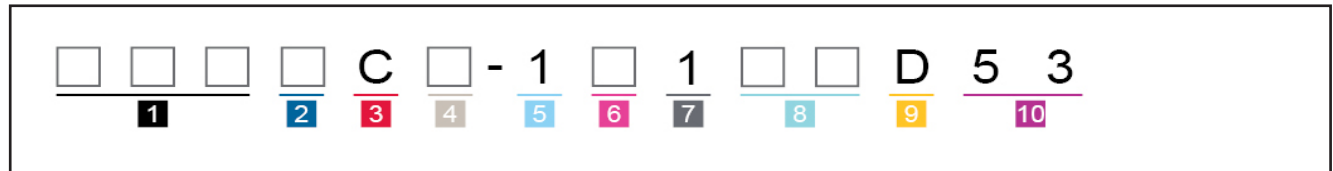
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Transmission Performance

Single-mode			
Fiber Name	Single-mode (OS2)	Single-mode (OS2)	Single-mode (OS2)
Fiber Category	G.652.D	G.652.D	G.652.D/G.657.A1
Fiber Code	E	E	Z
Performance Option Code	00	01	01
Wavelengths (nm)	1310/1383/1550	1310/1383/1550	1310/1383/1550
Maximum Attenuation (dB/km)	0.35/0.35/0.25	0.4/0.4/0.3	0.4/0.4/0.3

* For more information on typical attenuation please see the Corning whitepaper at http://csmedia.corning.com/opcomm//Resource_Documents/whitepapers_rl/LAN-1863-AEN.pdf

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



1 Select fiber count.
012 036 072 144
024 048 096 216

2 Select fiber type.
E = Single-mode (OS2)
SMF-28e[®]
Z = Single-mode (G.652.D/
G.657.A1) SMF-28[®] Ultra fiber

3 Defines cable type.
C = SST-Ribbon™

4 Select cable type.
4 = All-dielectric
5 = Single-jacket, single-
armored

5 Defines fiber placement.
1 = Standard for ribbon cables

6 Defines length markings.
4 = Markings in ft (standard)
3 = Markings in meters

7 Defines tensile strength.
1 = 2700 N/600 lb (standard)

8 Select performance option code.
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.
D = Gel-Free Cable

10 Defines special requirements.
53 = Standard jacket print
plus SOC code



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