

SST™ Central Tube Dielectric Armor Outdoor Cable 6F E9 SMF-28e+® ITU G652.D CT 3.0



Part Number:
006EEG-13122A20

Corning cables can be employed outdoors for campus backbone.

The loose tube cable construction, by isolating the fibers from installations and environmental rigors, provides stable and highly reliable transmission parameters.

Features and Benefits

Waterblocking technology

Outside Plant (OSP) applications

All-dielectric construction

Requires no grounding or bonding

UV and microbe resistant

Can be directly buried or installed in ducts

Small diameter and bend radius

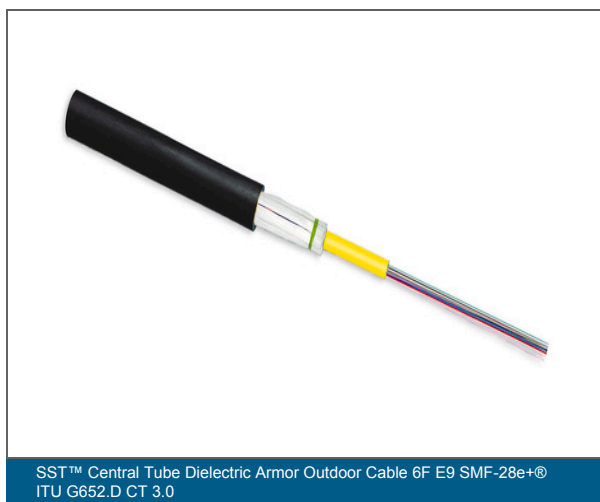
Easy installation in space-constrained areas

Laminated swelling glass yarns

Improved rodent resistance and longitudinal water protection

Fibers color coding to Telcordia-Bellcore

Easy identification of the individual fibers



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CORNING

Specifications

Mechanical Specifications

Crush Resistance	1500 N/10 cm
Max. Tensile Strength for Installation	1000 N
Min. Bend Radius Installation	130 mm
Min. Bend Radius Operation	100 mm
Nominal Outer Diameter	6.4 mm

Cable Design

Cable Marking	Meter - Handset - Sine - CORNING - Year -SST (TM) A-DQ(ZN)B2Y 6F E9 CT 3.0
Fiber Count	6
Number of Ripcords	1
Outer Jacket Color	Black
Outer Jacket Material	Linear Low Density Polyethylene (LLDPE)
Outer Jacket Nominal Thickness	1.2 mm
Tensile Strength Elements and/or Armoring - Layer 1	Laminated swelling glass yarn armor
Buffer Tube Diameter	3 mm
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White
Fibers per Tube	6

Environmental Conditions

Temperature Range, Installation	-5 °C to 50 °C
Temperature Range, Storage	-25 °C to 70 °C
Temperature Range, Operation	-20 °C to 60 °C

General Specifications

Environment	Outdoor
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CORNING

General Specifications

Cable Type	Single Tube
Product Type	Dielectric armor
Fiber Category	Single-mode (OS2)
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	A-DQ(ZN)B2Y
Application	Direct Buried, Duct

Ordering Information

Product Number	006EEG-13122A20
EAN Code	4042673378006
Maximum Delivery Length	6000 m
Weight	34 kg/km

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Waterblocking	IEC 60794-1-2 F5

Standards

Fiber Standards	TIA/EIA-492CAAB, IEC 60793-2-50 Type B1.3, ITU-T G.652.D, ISO/IEC 11801 Ed.2.2
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Optical Characteristics

Cable cutoff wavelength	1260 nm
Fiber Code	E
Fiber Name	E9/125 SMF28e+®
Fiber Type	Single-mode
Fiber Core Diameter	8.2 µm
Maximum Attenuation	0.36 dB/km / 0.36 dB/km / 0.22 dB/km

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Optical Characteristics	
Serial 1 Gigabit Ethernet	5000 MHz*km / - / -
Serial 10 Gigabit Ethernet	10000 MHz*km / - / 40000 MHz*km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Category	OS2



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