

SST™ Central Tube Steel Armor Outdoor Cable

CORNING

Corning central tube cables with corrugated steel armoring are designed for outdoor use for campus, city and intercity backbones in duct and direct burial installations.

The central tube cable construction, by isolating the fibers from installations and environmental rigors, provides stable and highly reliable transmission parameters. The fibers are color coded for quick and easy identification.

The cable construction, based on a central buffer tube, is very compact, light, flexible and ideal for connections requiring a moderate fiber count.

These cables are designed for installation in conduits, ducts and for direct burial.

Features and Benefits

Waterblocking technology

Outside Plant (OSP) applications

UV and microbe resistant

Can be directly buried or installed in ducts

Corrugated steel armoring

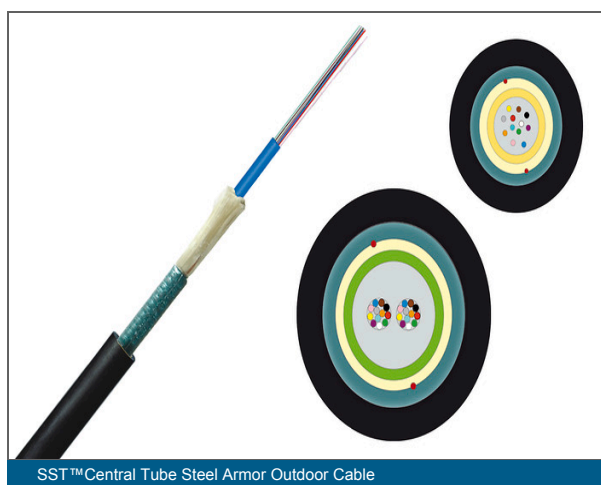
Rodent, mechanical protection and direct buried applications

Small diameter and bend radius

Easy installation in space-constrained areas

Fibers color coding to Telcordia-Bellcore

Easy identification of the individual fibers



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Standards

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

Specifications

General Specifications

| | |
|---|------------------------|
| Environment | Outdoor |
| Product Type | Corrugated Steel Armor |
| Cable Type | Single Tube |
| Coding according to EN 60794-1-1 (DIN VDE 0888-100-1) | A-DQ(ZN)(SR)2Y |

Temperature Range

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

Design Characteristics Cable

| | |
|-------------|----------------------|
| Fiber Count | Buffer Tube Diameter |
| 4 - 12 | 3 mm |

Mechanical Characteristics Cable

| Fiber Count | Nominal Outer Diameter | Min. Bend Radius Installation | Min. Bend Radius Operation | Max. Tensile Strength for Installation | Crush Resistance | Weight |
|-------------|------------------------|-------------------------------|----------------------------|--|------------------|----------|
| 4 - 12 | 7.5 mm | 150 mm | 110 mm | 1000 N | 2000 N/10 cm | 60 kg/km |

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Transmission Performance

| Single-mode | |
|---------------------|--------------------------------------|
| Fiber Category | OS2 |
| Fiber Name | E9/125 SMF28e+® |
| Wavelengths | 1310 nm / 1383 nm / 1550 nm |
| Fiber Code | E |
| Maximum Attenuation | 0.36 dB/km / 0.36 dB/km / 0.22 dB/km |



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