

SST™ Central Tube Dielectric Armor Outdoor Cable

12F E9 SMF-28e+® ITU G652.D CT 3.0

CORNING

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.

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

The cables can be installed in conduits, ducts and be buried directly in the ground.

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

Laminated swelling glass yarns

Improved rodent resistance and longitudinal water protection

Small diameter and bend radius

Easy installation in space-constrained areas

Fibers color coding to Telcordia-Bellcore

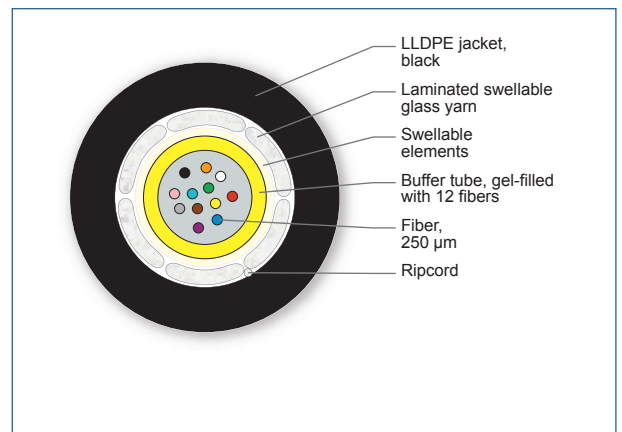
Easy identification of the individual fibers

Standards

Waterblocking IEC 60794-1-2 F5



Part Number: 012EEG-13122A20



Cross Section of Part Number: 012EEG-13122A20

Specifications

| General Specifications | |
|------------------------|---------------------|
| Environment | Outdoor |
| Application | Direct Buried, Duct |
| Cable Type | Single Tube |
| Product Type | Dielectric armor |

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General Specifications

| | |
|---|-------------------|
| Fiber Category | SM (OS2) |
| Coding according to EN 60794-1-1 (DIN VDE 0888-100-1) | A-DQ(ZN)B2Y |
| Previous Part Number | FWCT01-S0012-U002 |
| Previous coding following DIN VDE 0888-3 | A-DQ(BN)2Y |

Temperature Range

| | |
|--------------|-----------------|
| Installation | -5 °C to 50 °C |
| Operation | -20 °C to 60 °C |
| Storage | -25 °C to 70 °C |

Cable Design

| | |
|---|--|
| Fiber Count | 12 |
| Fiber Coloring | Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua |
| Buffer Tube Diameter | 3 mm |
| Buffer Tube Color | Yellow |
| Tensile Strength Elements and/or Armoring - Layer 1 | Laminated swelling glass yarn armor |
| Number of Ripcords | 1 |
| Outer Jacket Material | Linear Low Density Polyethylene (LLDPE) |
| Outer Jacket Color | Black |
| Outer Jacket Nominal Thickness | 1.2 mm |
| Cable Marking | Meter - Handset - Sine - CORNING - Year - SST (TM) A-DQ(ZN)B2Y 12F E9 CT 3.0 |

Mechanical Characteristics Cable

| | |
|--|--------------|
| Nominal Outer Diameter | 6.4 mm |
| Weight | 34 kg/km |
| Min. Bend Radius Installation | 130 mm |
| Min. Bend Radius Operation | 100 mm |
| Max. Tensile Strength for Installation | 1000 N |
| Crush Resistance | 1500 N/10 cm |

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Chemical Characteristics

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

Ordering Information

| | |
|---------------------|---|
| Part Number | 012EEG-13122A20 |
| Product Description | SST™ Central Tube Dielectric Armor Outdoor Cable 12F E9 SMF-28e+® ITU G652.D CT 3.0 |
| EAN Code | 4042673378068 |

Shipping Information

| | |
|-------------------------|---------|
| Maximum Delivery Length | 6,000 m |
|-------------------------|---------|



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