



Central Tube Steel Armour Indoor/Outdoor Cable

6F E9 SMF-28e+® ITU G652.D CT 3.0

CORNING

Specifications

| General Specifications | |
|---|---|
| Environment | Indoor / Outdoor |
| Application | Direct Buried, Duct, Vertical Riser, General Purpose Horizontal |
| Cable Type | Loose Tube |
| Product Type | Corrugated steel armour |
| Flame Rating | LSZH™/FRNC |
| Fibre category | SM (OS2) |
| Coding according to EN 60794-1-1 (DIN VDE 0888-100-1) | U-DQ(ZN)(SR)H |
| Previous Part Number | FWCT01-S0006-U004 |
| Previous coding following DIN VDE 0888-3 | A-DQ(ZN)(SR)H |

| Temperature Range | |
|---------------------------|-----------------|
| Installation and Assembly | -5 °C to 50 °C |
| Operation | -20 °C to 60 °C |
| Storage | -25 °C to 70 °C |

| Cable Design | |
|--|--|
| Fibre Count | 6 |
| Fibre colouring | Blue, orange, green, brown, grey, white |
| Buffer tube colour | yellow |
| Buffer tube diameter | 3 mm |
| Number of Ripcords | 2 |
| Tensile Strength Elements and/or Armouring - Layer 1 | Corrugated steel tape armour with dielectric strength elements (aramid yarns) and swellable elements |
| Outer Jacket Material | Flame-retardant, non-corrosive / low-smoke, zero-halogen (FRNC / LSZH) material |
| Outer Jacket Colour | black |
| Outer Jacket Nominal Thickness | 1.5 mm |
| Cable Marking | Meter Handset Sine CORNING Fibre Optic Cable Year U-DQ(ZN)(SR)H 6 E9 CT 3.0 LSZH™/ FRNC |

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Mechanical Characteristics Cable

| | |
|--|--------------|
| Nominal Outer Diameter | 7.5 mm |
| Weight | 76 kg/km |
| Min. Bend Radius Installation | 150 mm |
| Min. Bend Radius Operation | 110 mm |
| Max. Tensile Strength for Installation | 1000 N |
| Crush Resistance (reversible) | 2000 N/10 cm |
| Fire Load | 1.16 MJ/m |

Chemical characteristics

| | |
|------|---|
| RoHS | Free of hazardous substances according to RoHS 2002/95/EG |
|------|---|

Fibre Specifications

Optical Characteristics (cabled)

| | |
|----------------------------|--------------------------------------|
| Fibre Name | E9/125 SMF28e+ |
| Fibre Core Diameter | 8.2 µm |
| Fibre category | OS2 |
| Fibre Code | E |
| Wavelengths | 1310 nm / 1383 nm / 1550 nm |
| Maximum Attenuation | 0.36 dB/km / 0.36 dB/km / 0.22 dB/km |
| Serial 1 Gigabit Ethernet | 5000 m / - / - |
| Serial 10 Gigabit Ethernet | 10000 m / - / 40000 m |
| Cable cutoff wavelength | 1260 nm |

- Notes:
- 1) Meets 0.75 ns optical skew when used in all Corning Plug and Play™/Pretium EDGE® systems solutions.
 - 2) Improved attenuation and bandwidth options available
 - 3) Bend-insensitive single-mode fibres available on request
 - 4) Contact a Corning Customer Care Representative for additional information

Ordering Information

| | |
|---------------------|--|
| Part Number | 006EEY-13122A2G |
| Product Description | Central Tube Steel Armour Indoor/Outdoor Cable 6F E9 SMF-28e+® ITU G652.D CT 3.0 |
| EAN Code | 4042673580560 |

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The CORNING logo is displayed in white, uppercase letters within a solid blue square.

Shipping Information

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



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