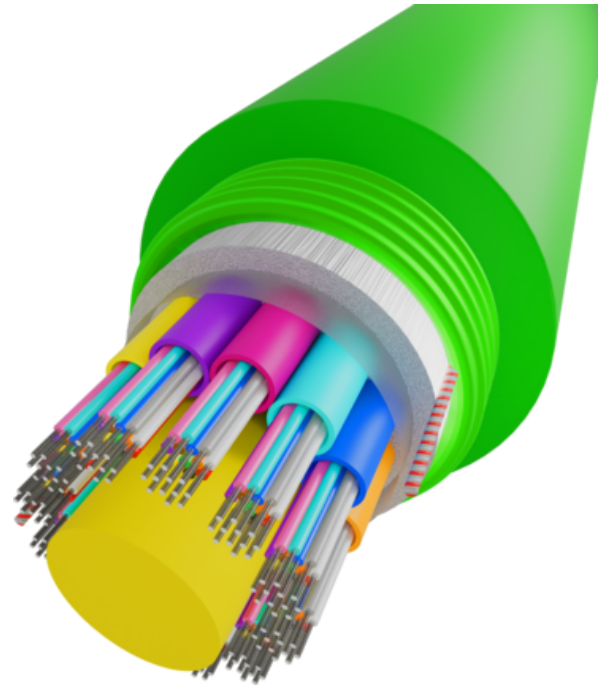


| | |
|--------------|---|
| Product name | 144F G657A1 MLT cable FSC90 Green LSZH Dca OD 15,1mm EIA/TIA T2000m |
| Product code | 4704732 |
| GTIN | |
| ETIM-Class | EC000034 |



PRODUCT SPECIFICATIONS

Fiber optic circuit integrity (fireproof) cables designed to function for at least 90 minutes in fires up to 750°C. Suitable for installation indoors and/or outdoors in ducts. Halogen-free, CPR and fire rated to meet the requirements for indoor installations. The construction with corrugated steel reinforcement makes the cable 100% rodent-proof.

Measurements

| | |
|--------|----------|
| Length | 1,000 mm |
| Height | 15,1 mm |
| Width | 15,1 mm |
| Weight | 284 g |

Physical Characteristics

| | |
|-------------------------|------------------------|
| Fibre Count | 144 |
| Cable Construction | Multi Loose Tube (MLT) |
| Fibre Type | ITU-T G.657 A1 |
| Fibres per Tube | 12 |
| Fibre Colour Sequence | EIA/TIA-598A |
| Tube Size | 1,7 mm |
| Central Strength Member | FRP |
| No of Tubes | 12 |
| Tube Colour Sequence | EIA/TIA-598A |

| | |
|-----------------------------------|-------------------------------|
| Outer Sheath Material | LSZH (Low Smoke Zero Halogen) |
| Colour of Cable Sheath | Green |
| No of Ripcords Below Outer Sheath | 2 |
| Cable Diameter | 15.1 mm |
| Cable Diameter Tolerance | +/- 0.4 mm |
| Nominal Cable Weight | 284 kg/km |

Mechanical & Environmental Characteristics

| | |
|---|---|
| Halogen Free | Yes |
| UV Proof | Yes |
| Metal free | No |
| Rodent Protection | Yes |
| CPR | Yes |
| CPR Classification | Dca-s2, d1, a1 |
| Circuit integrity (IEC 60331-25-1) | 90 minutes |
| Tensile Strength (N) IEC-60794-1-21-E1 | 10,000 N |
| Crush Resistance - IEC- 60794-1-21-E3 | 2,500 N/10cm |
| Impact Strength (Nm) IEC-60794-1-21-E4 | 30 Nm |
| Min. Bend Radius (During Installation) IEC-60794-1-21-E11 | 310 |
| Min. Bend Radius (After Installation) IEC-60794-1-21-E11 | 233 |
| Temperature Performance Installation IEC-60794-1-22-F1 | -15°C to +50°C (Max. change in attenuation shall be ≤ 0.15 dB/km) |
| Temperature Performance Operation IEC-60794-1-22-F1 | -40°C to +70°C (Max. change in attenuation shall be ≤ 0.15 dB/km) |
| Temperature Performance Storage IEC-60794-1-22-F1 | -40°C to +70°C (Max. change in attenuation shall be ≤ 0.15 dB/km) |