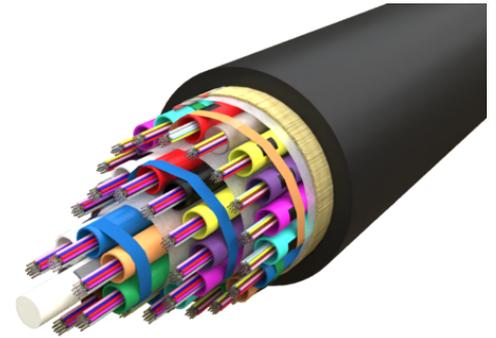


| | |
|--------------|---|
| Product name | 576F G657A1 200µm Microcable MLT S12 Black PE OD 10.6mm 4km/d |
| Product code | 4982897 |
| GTIN | 7332811339387 |
| ETIM-Class | EC000034 |



PRODUCT SPECIFICATIONS

Micro cables typically used in outdoor microduct installation applications. The cables are suitable for air-blown installation. Cable parameters such as cable diameter, stiffness and sheath friction are optimized for best installation performance. The cable is based on a slim multi loose tube construction with SZ design around a central strength member of fiberglass-reinforced plastic (FRP) which facilitates mid-span access.

Measurements

Physical Characteristics

| | |
|-----------------------------------|------------------------|
| Fibre Count | 576 |
| Cable Construction | Multi Loose Tube (MLT) |
| Fibre Type | ITU-T G.657 A1 200µm |
| Fibres per Tube | 24 |
| Fibre Colour Sequence | S12 |
| Tube Size | 1,55 mm |
| Central Strength Member | FRP |
| No of Tubes | 24 |
| Tube Colour Sequence | S12 |
| Outer Sheath Material | PA (Polyamid) |
| Colour of Cable Sheath | Black |
| Nominal Sheath Thickness | 0,4 mm |
| No of Ripcords Below Outer Sheath | 1 |

| | |
|--------------------------|-----------|
| Cable Diameter | 10,6 mm |
| Cable Diameter Tolerance | +/- 0.3mm |
| Nominal Cable Weight | 108 kg/km |

Mechanical & Environmental Characteristics

| | |
|---|---|
| Halogen Free | Yes |
| UV Proof | Yes |
| Metal free | Yes |
| Tensile Strength (N) IEC-60794-1-21-E1 | 500 N |
| Crush Resistance - IEC- 60794-1-21-E3 | 500 N/10cm |
| Impact Strength (Nm) IEC-60794-1-21-E4 | 50 |
| Torsion IEC-60794-1-21-E7 | ± 180° |
| Min. Bend Radius (During Installation) IEC-60794-1-21-E11 | 20 x d |
| Min. Bend Radius (After Installation) IEC-60794-1-21-E11 | 10 x d |
| Water Penetration Test IEC-60794-1-22-F5 | 1m head, 3m samples, 24 hrs. |
| Drip Test IEC-60794-1-21-E14 | 30 cm, 70°C, 24 hr |
| Temperature Performance Installation IEC-60794-1-22-F1 | -15°C to +70°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) |

Sustainability

| | |
|----------------------------------|-----|
| product.sustainability-label.epd | Yes |
|----------------------------------|-----|