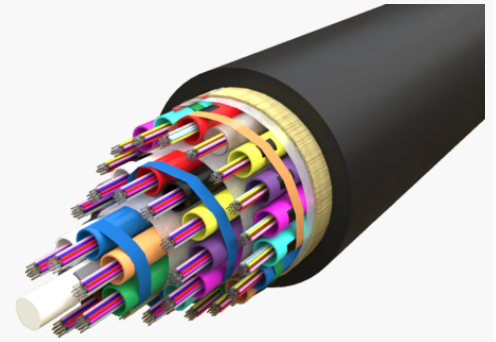


Product name	576F G657A1 200µm Microcable MLT S12 Black PE OD 10.6mm 4km/d
Product code	4982897
GTIN	7332811339387
ETIM-Class	EC000034



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 200um
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
----------------------------------	-----