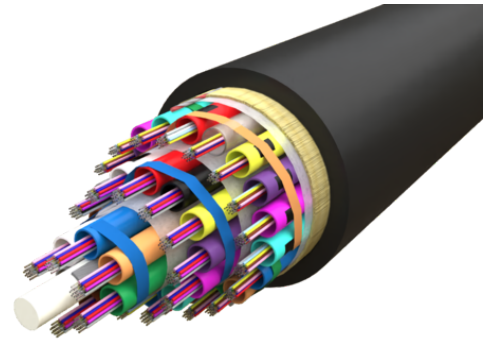


Product name	432F G657A1 200µm Microcable MLT S12 Black PE OD 8.8mm 4km/d
Product code	4982887
GTIN	7332811339363
ETIM-Class	EC000034



## 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

Length	1000 mm
Height	8,8 mm
Width	8,8 mm
Weight	70 g

## Physical Characteristics

Fibre Count	432
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	18
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	8,8 mm
Cable Diameter Tolerance	+/- 0.3mm
Nominal Cable Weight	70 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
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