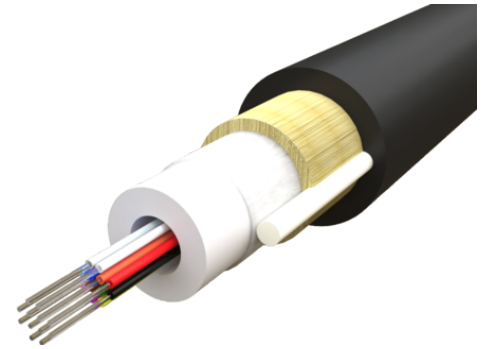


Product name	12F SM G657A1 Microcable CLT Black HDPE OD 3,7mm, 4km/drum
Product code	4985757
GTIN	7332811095870
ETIM-Class	EC000034



PRODUCT SPECIFICATIONS

12F SM G657A1 Micro cable 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 cables are based on a central loose tube construction (CLT). Two strain reliefs made of fiberglass-reinforced plastic (FRP) are embedded in the cable sheath for best tensile strength and blowing performance.

Measurements

Length	1,000 mm
Height	3.7 mm
Width	3.7 mm
Weight	120 g

Physical Characteristics

Fibre Count	12
Cable Construction	Central Loose Tube (CLT)
Fibre Type	ITU-T G.657 A1
Fibre Colour Sequence	EIA/TIA-598A
Tube Size	2.2 mm
Central Strength Member	2 x arp
No of Tubes	1
Tube Colour Sequence	EIA/TIA-598A

Outer Sheath Material	HDPE (High Density Polyethene)
Colour of Cable Sheath	Black
Nominal Sheath Thickness	0.7 mm
Cable Diameter	3.7 mm
Cable Diameter Tolerance	+/- 0.2 mm
Nominal Cable Weight	12 kg/km

Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Tensile Strength (N) IEC-60794-1-21-E1	100 N
Crush Resistance - IEC- 60794-1-21-E3	1,000 N/10cm
Torsion IEC-60794-1-21-E7	± 180°
Min. Bend Radius (During Installation) IEC-60794-1-21-E11	80 mm
Min. Bend Radius (After Installation) IEC-60794-1-21-E11	40 mm
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 +50°C
Temperature Performance Operation IEC-60794-1-22-F1	-40°C to +70°C
Temperature Performance Storage IEC-60794-1-22-F1	-40°C to +70°C