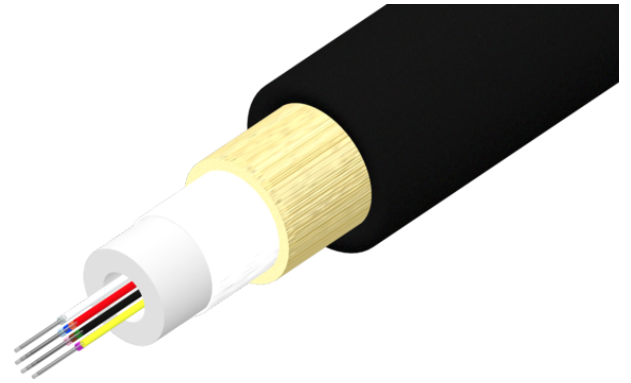


Product name	12F S12 G657A1 Microcable CLT Black HDPE OD 3.9mm, 6km/drum
Product code	4989447
Product type	GRGLDV 12XG657A1
GTIN	7332811319303
ETIM-Class	EC000034



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 cables are based on a central loose tube construction (CLT).

Measurements

Length	1 000 mm
Height	3,9 mm
Width	3,9 mm
Weight	12 g

Physical Characteristics

Fibre Count	12
Cable Construction	Central Loose Tube (CLT)
Fibre Type	ITU-T G.657 A1
Fibre Colour Sequence	S12 & EIA/TIA-598A
Tube Size	2,5 mm
No of Tubes	1
Tube Colour Sequence	EIA/TIA-598A
Outer Sheath Material	HDPE (High Density Polyethylene)
Colour of Cable Sheath	Black

Cable Diameter	3,9 mm
Cable Diameter Tolerance	+/- 0,3 mm
Nominal Cable Weight	12 kg/km

Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	Yes
Tensile Strength (N) IEC-60794-1-21-E1	150 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	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 till +60°C
Temperature Performance Operation IEC-60794-1-22-F1	-40°C till +70°C
Temperature Performance Storage IEC-60794-1-22-F1	-40°C till +70°C