

Product name	12F G657A1 UT CST armored 10kN Black HDPE OD 9,9mm 4000m/dr
Product code	87405012
GTIN	7332811146350
ETIM-Class	EC000034

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PRODUCT SPECIFICATIONS

12F G657A1 armored cables designed for direct burial installation and has full rodent protection. It attains its mechanical robustness and functional performance through its corrugated steel tape (CST) reinforcement. Needs no further protection at underground installations. The cable is based on a central loose tube construction (CLT).

Measurements

Length	1,000 mm
Height	9.9 mm
Width	9.9 mm
Weight	98 g

Physical Characteristics

Fibre Count	12
Cable Construction	Central Loose Tube (CLT)
Fibre Type	ITU-T G.657 A1
Fibres per Tube	12
Fibre Colour Sequence	EIA/TIA-598A
Tube Size	3 mm
No of Tubes	1
Tube Colour Sequence	EIA/TIA-598A
Outer Sheath Material	HDPE (High Density Polyethylene)

Colour of Cable Sheath	Black
Nominal Sheath Thickness	1.2 mm
No of Ripcords Below Outer Sheath	1
Cable Diameter	9.9 mm
Cable Diameter Tolerance	+/- 0.5 mm
Nominal Cable Weight	98 kg/km

Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	No
Tensile Strength (N) IEC-60794-1-21-E1	2,500 N
Crush Resistance - IEC- 60794-1-21-E3	10,000 N/10cm
Impact Strength (Nm) IEC-60794-1-21-E4	29
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	15 x d
Water Penetration Test IEC-60794-1-22-F5	1m waterhead, 3m samples, 24 h
Drip Test IEC-60794-1-21-E14	30 cm, 70°C, 24 h
Temperature Performance Installation IEC-60794-1-22-F1	-5 °C to + 40 °C
Temperature Performance Operation IEC-60794-1-22-F1	-20 °C to + 70 °C
Temperature Performance Storage IEC-60794-1-22-F1	-30 °C to + 70 °C