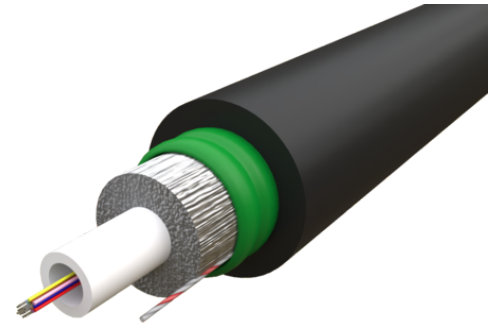


<b>Product name</b>	12F G657A1 UT CST armored 10kN Black HDPE OD 9,9mm 4000m/dr
<b>Product code</b>	87405012
<b>GTIN</b>	7332811146350
<b>ETIM-Class</b>	EC000034



## 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

<b>Length</b>	1 000 mm
<b>Height</b>	9,9 mm
<b>Width</b>	9,9 mm
<b>Weight</b>	98 g

## Physical Characteristics

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