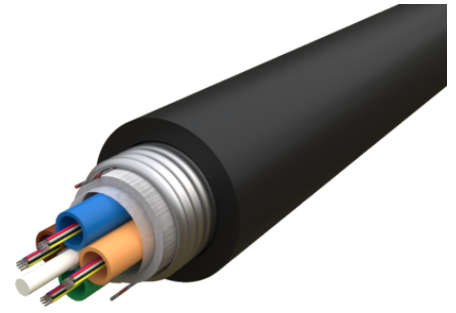


Product name	48F G652D MLT CST armored 10kN Black HDPE OD 11,5mm 4000m/dr
Product code	87405048
Product type	GRCLWLV 48X9/125
GTIN	7332811097836
ETIM-Class	EC000034



PRODUCT SPECIFICATIONS

48F G652D armored cable 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 multi loose tube construction with SZ design around a central strength member of fiberglass-reinforced plastic (FRP) which facilitates mid-span access.

Measurements

Length	1 000 mm
Height	12,5 mm
Width	12,5 mm
Weight	144 g

Physical Characteristics

Fibre Count	48
Cable Construction	Multi Loose Tube (MLT)
Fibre Type	ITU-T G.652 D
Fibres per Tube	12
Fibre Colour Sequence	EIA/TIA-598A
Tube Size	2,3 mm
Central Strength Member	FRP
No of Tubes	4

Tube Colour Sequence	EIA/TIA-598A
Outer Sheath Material	HDPE (High Density Polyethylene)
Colour of Cable Sheath	Black
Nominal Sheath Thickness	1,5 mm
No of Ripcords Below Outer Sheath	2
Cable Diameter	11,5 mm
Cable Diameter Tolerance	+/- 0.5 mm
Nominal Cable Weight	127 kg/km

Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	No
Tensile Strength (N) IEC-60794-1-21-E1	1 200 N
Crush Resistance - IEC- 60794-1-21-E3	10 000 N/10cm
Impact Strength (Nm) IEC-60794-1-21-E4	30
Torsion IEC-60794-1-21-E7	±180°
Min. Bend Radius (During Installation) IEC-60794-1-21-E11	25 x d
Min. Bend Radius (After Installation) IEC-60794-1-21-E11	20 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	-15°C till +50°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