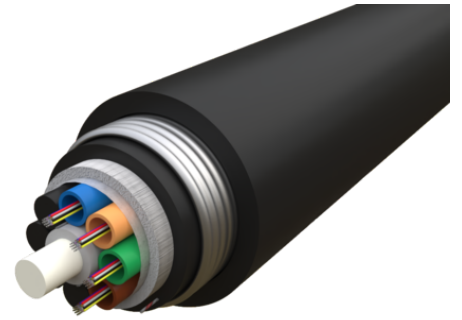


<b>Product name</b>	48F G652D MLT CST armored 10kN Black HDPE OD 16,5mm 4000m/dr
<b>Product code</b>	87405050
<b>GTIN</b>	7332811136160
<b>ETIM-Class</b>	EC000034



## PRODUCT SPECIFICATIONS

48F G652D armored cables designed for direct burial installation and has full rodent protection. It attains its mechanical robustness and functional performance through its double sheath and 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

<b>Length</b>	1 000 mm
<b>Height</b>	16,5 mm
<b>Width</b>	16,5 mm
<b>Weight</b>	246 g

## Physical Characteristics

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

<b>Tube Colour Sequence</b>	EIA/TIA-598A
<b>Outer Sheath Material</b>	HDPE (High Density Polyethylene)
<b>Double Sheath</b>	Yes
<b>Colour of Cable Sheath</b>	Black
<b>Nominal Sheath Thickness</b>	1,5 mm
<b>No of Ripcords Below Outer Sheath</b>	2
<b>Cable Diameter</b>	16,5 mm
<b>Cable Diameter Tolerance</b>	+/- 0.5 mm
<b>Nominal Cable Weight</b>	240 kg/km

## Mechanical & Environmental Characteristics

<b>Halogen Free</b>	Yes
<b>UV Proof</b>	Yes
<b>Metal free</b>	No
<b>Tensile Strength (N) IEC-60794-1-21-E1</b>	4 500 N
<b>Crush Resistance - IEC- 60794-1-21-E3</b>	10 000 N/10cm
<b>Impact Strength (Nm) IEC-60794-1-21-E4</b>	3
<b>Torsion IEC-60794-1-21-E7</b>	±180°
<b>Min. Bend Radius (During Installation) IEC-60794-1-21-E11</b>	25 x d
<b>Min. Bend Radius (After Installation) IEC-60794-1-21-E11</b>	20 x d
<b>Water Penetration Test IEC-60794-1-22-F5</b>	1m waterhead, 3m samples, 24 h
<b>Drip Test IEC-60794-1-21-E14</b>	30 cm, 70°C, 24 h
<b>Temperature Performance Installation IEC-60794-1-22-F1</b>	-15°C to +50°C
<b>Temperature Performance Operation IEC-60794-1-22-F1</b>	-40°C to +70°C
<b>Temperature Performance Storage IEC-60794-1-22-F1</b>	-40°C to +70°C