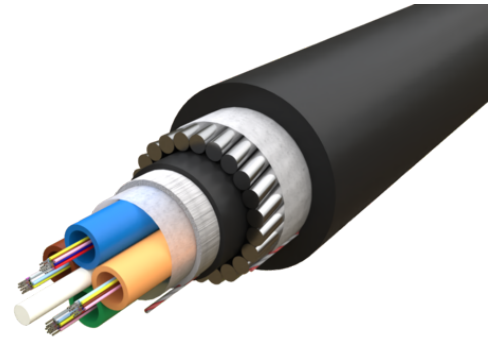


<b>Product name</b>	48F G652D MLT SWA armored 5kN Black HDPE OD 13.8mm 2100m/dr
<b>Product code</b>	1082863
<b>GTIN</b>	7070701146393
<b>ETIM-Class</b>	EC000034



## PRODUCT SPECIFICATIONS

48F G652D cable suitable for under water installation, direct burial and has full rodent protection. It attains its mechanical robustness and functional performance through its steel wire armour (SWA) reinforcement. Needs no further protection at under water or underground installations. The cable is based on a multi loose tube construction.

The expected service life in normal use exceeds 30 years.

## Measurements

<b>Length</b>	1 000 mm
<b>Height</b>	13,8 mm
<b>Width</b>	13,8 mm
<b>Weight</b>	299 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>	S12 & EIA/TIA-598A
<b>Tube Size</b>	2,3 mm
<b>Central Strength Member</b>	FRP

<b>No of Tubes</b>	4
<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>	13,8 mm
<b>Cable Diameter Tolerance</b>	+/- 0,4 mm
<b>Nominal Cable Weight</b>	299 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>	5 000 N
<b>Crush Resistance - IEC- 60794-1-21-E3</b>	5 000 N/10cm
<b>Impact Strength (Nm) IEC-60794-1-21-E4</b>	25 Nm
<b>Torsion IEC-60794-1-21-E7</b>	±180°
<b>Min. Bend Radius (During Installation) IEC-60794-1-21-E11</b>	15 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 till +50°C
<b>Temperature Performance Operation IEC-60794-1-22-F1</b>	-40°C till +70°C
<b>Temperature Performance Storage IEC-60794-1-22-F1</b>	-40°C till +70°C
<b>Max Installation Depth</b>	200 m