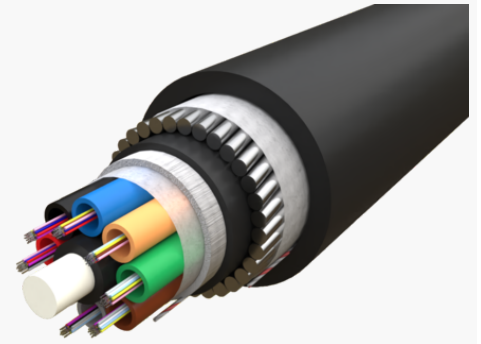


Product name	96F G652D MLT SWA armored 5kN Black HDPE OD 16.3mm
Product code	87401096
GTIN	7332811146404
ETIM-Class	EC000034



## PRODUCT SPECIFICATIONS

96F 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

Length	1,000 mm
Height	16.3 mm
Width	16.3 mm
Weight	410 g

## Physical Characteristics

Fibre Count	96
Cable Construction	Multi Loose Tube (MLT)
Fibre Type	ITU-T G.652 D
Fibres per Tube	12
Fibre Colour Sequence	S12 & EIA/TIA-598A
Tube Size	2.3 mm
Central Strength Member	FRP

No of Tubes	8
Tube Colour Sequence	EIA/TIA-598A
Outer Sheath Material	HDPE (High Density Polyethylene)
Double Sheath	Yes
Colour of Cable Sheath	Black
Nominal Sheath Thickness	1.5 mm
No of Ripcords Below Outer Sheath	2
Cable Diameter	16.3 mm
Cable Diameter Tolerance	+/- 0.4 mm
Nominal Cable Weight	410 kg/km

## Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	No
Tensile Strength (N) IEC-60794-1-21-E1	8,500 N
Crush Resistance - IEC- 60794-1-21-E3	5,000 N/10cm
Impact Strength (Nm) IEC-60794-1-21-E4	25 Nm
Torsion IEC-60794-1-21-E7	±180°
Min. Bend Radius (During Installation) IEC-60794-1-21-E11	15 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
Max Installation Depth	140 m