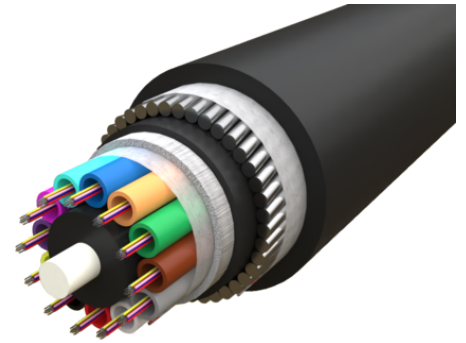


Product name	144F G652D MLT SWA armored 5kN Black HDPE OD 19.2mm
Product code	87401144
Product type	HXPK
GTIN	7332811362859
ETIM-Class	EC000034



## PRODUCT SPECIFICATIONS

Cables 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 expected service life in normal use exceeds 30 years.

## Measurements

Length	1 000 mm
Height	19,2 mm
Width	19,2 mm
Weight	540 g

## Physical Characteristics

Fibre Count	144
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	12

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	19,2 mm
Cable Diameter Tolerance	+/- 0.4 mm
Nominal Cable Weight	540 kg/km

## Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	No
Tensile Strength (N) IEC-60794-1-21-E1	12 000 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	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	-15°C to +50°C
Temperature Performance Operation IEC-60794-1-22-F1	-40°C to +70°C
Temperature Performance Storage IEC-60794-1-22-F1	-40°C to +70°C
Max Installation Depth	130 m