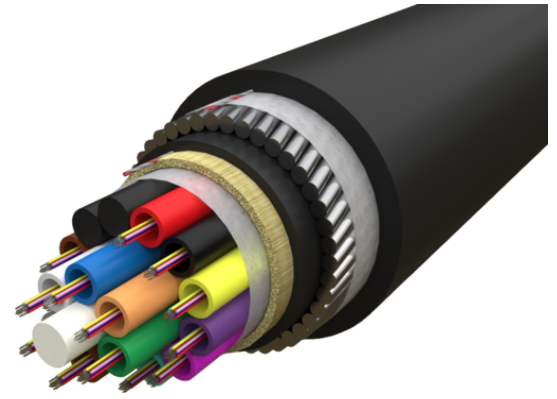


<b>Product name</b>	192F G652D MLT SWA armored 4kN Black HDPE OD 19.6mm
<b>Product code</b>	87401192
<b>GTIN</b>	
<b>ETIM-Class</b>	EC000034



## 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

<b>Length</b>	1,000 mm
<b>Height</b>	19.6 mm
<b>Width</b>	19.6 mm
<b>Weight</b>	566 g

## Physical Characteristics

<b>Fibre Count</b>	192
<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

No of Tubes	16 + 2 fillers
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	19.6 mm
Cable Diameter Tolerance	+/- 0.4 mm
Nominal Cable Weight	566 kg/km

## Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	No
Tensile Strength (N) IEC-60794-1-21-E1	9,000 N
Crush Resistance - IEC- 60794-1-21-E3	4,000 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	100 m