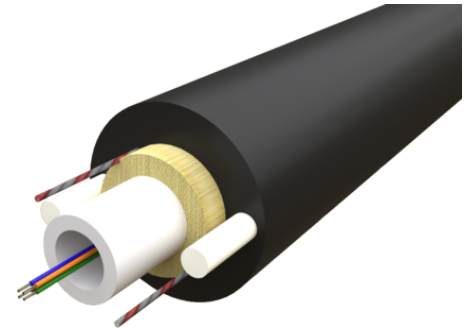


<b>Product name</b>	4F G657A1 ADSS CT HDPE 2xFRP 2.5kN OD 7.6mm 2km/dr
<b>Product code</b>	87510104
<b>Product type</b>	GRGLDV 4XG657A1
<b>GTIN</b>	7332811316968
<b>ETIM-Class</b>	EC000034



## PRODUCT SPECIFICATIONS

4F SM G657A1 ADSS cable designed for a maximum of 70m span lengths (distance between poles) under ice and wind conditions according to NESC heavy. The cable is based on a central loose tube construction (CLT). Two strain reliefs made of fiberglass-reinforced plastic (FRP) are embedded in the cable sheath for best tensile strength performance.

## Measurements

<b>Length</b>	1 000 mm
<b>Height</b>	7,6 mm
<b>Width</b>	7,6 mm
<b>Weight</b>	42 g

## Physical Characteristics

<b>Fibre Count</b>	4
<b>Cable Construction</b>	Central Loose Tube (CLT)
<b>Fibre Type</b>	ITU-T G.657 A1
<b>Fibres per Tube</b>	4
<b>Fibre Colour Sequence</b>	EIA/TIA-598A
<b>Tube Size</b>	3
<b>Central Strength Member</b>	FRP
<b>No of Tubes</b>	1
<b>Outer Sheath Material</b>	HDPE (High Density Polyethylene)

Colour of Cable Sheath	Black
No of Ripcords Below Outer Sheath	2
Cable Diameter	7,6 mm
Nominal Cable Weight	50 kg/km

## Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	Yes
Tensile Strength (N) IEC-60794-1-21-E1	2 500 N
Crush Resistance - IEC- 60794-1-21-E3	500 N/10cm
Min. Bend Radius (During Installation) IEC-60794-1-21-E11	20xd
Min. Bend Radius (After Installation) IEC-60794-1-21-E11	10xd
Water Penetration Test IEC-60794-1-22-F5	Yes
Temperature Performance Installation IEC-60794-1-22-F1	-10°C til +50°C
Temperature Performance Operation IEC-60794-1-22-F1	-40°C til +70°C
Temperature Performance Storage IEC-60794-1-22-F1	-40°C til +70°C
Max Span Length	70 m