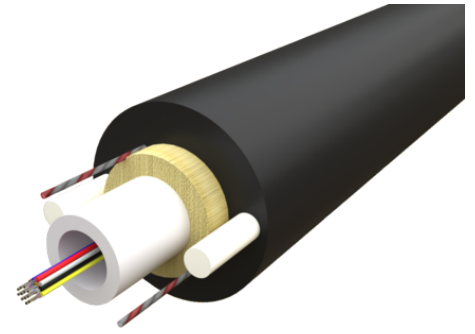


Product name	12F G657A1 ADSS CT HDPE 2xFRP 2.5kN OD 7.6mm 2km/dr
Product code	87510112
GTIN	7332811316975
ETIM-Class	EC000034



## PRODUCT SPECIFICATIONS

12F 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

Length	1,000 mm
Height	7.6 mm
Width	7.6 mm
Weight	42 g

## Physical Characteristics

Fibre Count	12
Cable Construction	Central Loose Tube (CLT)
Fibre Type	ITU-T G.657 A1
Fibres per Tube	12
Fibre Colour Sequence	EIA/TIA-598A
Tube Size	3 mm
Central Strength Member	FRP
No of Tubes	1
Outer Sheath Material	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
Crush Resistance - IEC- 60794-1-21-E3	500
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 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 Span Length	70 m