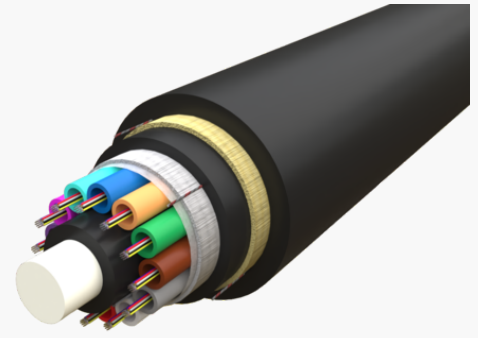


Product name	144F G652D ADSS MLT Black HDPE 18kN OD 19,5mm 4km/dr
Product code	4965287
Product type	GRHSLLDV 144XG652D
GTIN	7332811311635
ETIM-Class	EC000034



PRODUCT SPECIFICATIONS

144F G652D ADSS cable designed for a maximum of 150m span lengths (distance between poles) under ice and wind conditions according to NESC heavy. The cable is based on a multi loose tube construction with SZ design around a central strength member of fiberglass-reinforced plastic (FRP) which facilitates mid-span access.

Measurements

Length	1 000 mm
Height	19,5 mm
Width	19,5 mm
Weight	285 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	EIA/TIA-598A
Tube Size	2,4 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	1,8 mm
No of Ripcords Below Outer Sheath	4
Cable Diameter	19,5 mm
Cable Diameter Tolerance	± 0.5
Nominal Cable Weight	285 kg/km

Mechanical & Environmental Characteristics

Halogen Free	Yes
UV Proof	Yes
Metal free	Yes
Tensile Strength (N) IEC-60794-1-21-E1	18 000 N
Crush Resistance - IEC- 60794-1-21-E3	3 000 N/10cm
Impact Strength (Nm) IEC-60794-1-21-E4	50 n @ 0.5 m
Torsion IEC-60794-1-21-E7	±180°
Min. Bend Radius (During Installation) IEC-60794-1-21-E11	20xd
Min. Bend Radius (After Installation) IEC-60794-1-21-E11	15xd
Water Penetration Test IEC-60794-1-22-F5	1m head, 3m samples, 24 hrs
Drip Test IEC-60794-1-21-E14	30 cm, 70°C, 24 hr
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	150 m