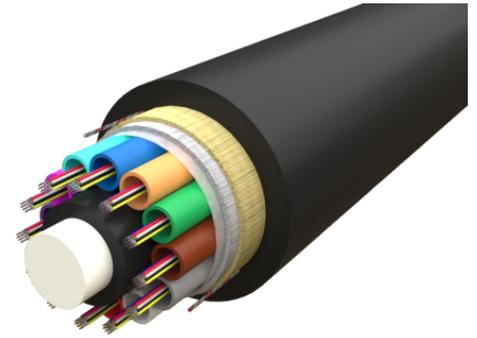


| | |
|--------------|---|
| Product name | 144F G652D ADSS MLT Black HDPE 5kN OD 14mm 4km/dr |
| Product code | 4965707 |
| Product type | GRHSLDV 144XG625D |
| GTIN | 7332811311574 |
| ETIM-Class | EC000034 |



PRODUCT SPECIFICATIONS

144F G652D 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 multi loose tube construction with SZ design around a central strength member of fiberglass-reinforced plastic (FRP) which facilitates mid-span access.

Measurements

| | |
|--------|---------|
| Length | 1000 mm |
| Height | 14 mm |
| Width | 14 mm |
| Weight | 152 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 mm |
| Central Strength Member | FRP |
| No of Tubes | 12 |
| Tube Colour Sequence | EIA/TIA-598A |

| | |
|-----------------------------------|----------------------------------|
| Outer Sheath Material | HDPE (High Density Polyethylene) |
| Colour of Cable Sheath | Black |
| Nominal Sheath Thickness | 1,5 mm |
| No of Ripcords Below Outer Sheath | 2 |
| Cable Diameter | 14 mm |
| Cable Diameter Tolerance | ± 0.5 mm |
| Nominal Cable Weight | 152 kg/km |

Mechanical & Environmental Characteristics

| | |
|---|-----------------------------|
| Halogen Free | Yes |
| UV Proof | Yes |
| Metal free | Yes |
| Tensile Strength (N) IEC-60794-1-21-E1 | 5 000 N |
| Crush Resistance - IEC- 60794-1-21-E3 | 2 000 N/10cm |
| Impact Strength (Nm) IEC-60794-1-21-E4 | 50 n @ 0.5m |
| 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 | 10xd |
| 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 | 70 m |