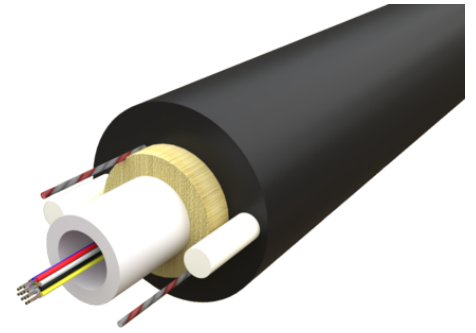


| | |
|---------------------|---|
| Product name | 12F G657A1 ADSS CT HDPE 2xFRP 2.5kN OD 7.6mm 2km/dr |
| Product code | 87510112 |
| Product type | GRGLDV 12XG657A1 |
| GTIN | 7332811316975 |
| ETIM-Class | EC000034 |



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 |