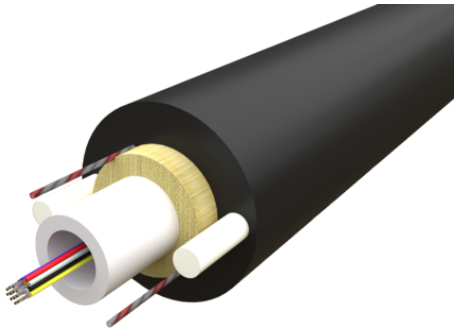


|              |                                                     |
|--------------|-----------------------------------------------------|
| Product name | 12F G657A1 ADSS CT HDPE 2xFRP 2.5kN OD 7.6mm 2km/dr |
| Product code | 87510112                                            |
| GTIN         | 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 Polyethene) |

|                                   |          |
|-----------------------------------|----------|
| 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 TestIEC-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       | -30°c to +60°c |
| Temperature Performance Storage IEC-60794-1-22-F1         | -40°c to +70°c |
| Max Span Length                                           | 70 m           |