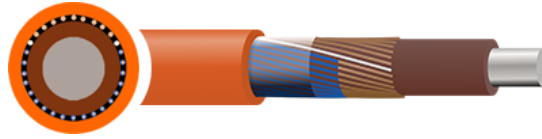


DNO Approved SNE Aluminium Split Concentric Cable - XLPE, PVC - 25mm² to 35mm²



Description

SNE Aluminium Split Concentric Cable | DNO Approved | XLPE PVC | 25mm² to 35mm²

Key Features



Voltage Rating
600/1000 Volts



Minimum Bending Radius
8 x Overall Diameter



Flame Retardancy
BS EN 60332-1-2



Temperature Limits
Temperature Range: -15°C to + 70°C

Standards

- BS7870-3-21 for PVC sheath
- BS7870-3-22 for LSZH sheath
- BS EN/IEC 60332-1-2
- BS EN/IEC 60228

Construction

- **Conductor:** Solid Aluminium Conductor
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Bedding:** Available in both Poly Vinyl Chloride (PVC) and Low Smoke Zero Halogen (LSZH)
- **Neutral Conductor:** Plain copper wire covered in blue polymeric compound
- **String Separator:** Non Hygroscopic separator
- **Earth Continuity Conductor:** Plain Copper
- **Separator:** Binding Tape Helically Applied
- **Outer Sheath:** Polyvinyl Chloride (PVC)
- **Sheath Colour:** Black

QA Lab

Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

DNO Approved SNE Aluminium Split Concentric Cable - XLPE, PVC - 25mm² to 35mm² - Dimensions

| Reference | Conductor Size (mm ²) | No Of Cores | Nominal Diameter | Max Voltage Rating | Overall Diameter(mm) | Weight(Kg/Km) |
|----------------|-----------------------------------|-------------|------------------|--------------------|----------------------|---------------|
| 25SPLITCONAL | 25 | 1 | 16 | 0.6/1KV | 16 | 490 |
| 3X25SPLITCONAL | 25 | 3 | 23.5 | 0.6/1KV | 23.5 | 830 |
| 35SPLITCONAL | 35 | 1 | 16 | 0.6/1KV | 16 | 610 |
| 3X35SPLITCONAL | 35 | 3 | 26 | 0.6/1KV | 26 | 1030 |

| CONCENTRIC CABLE CURRENT CARRYING CAPACITY | | | | |
|--|------------------------------|---------------------------|--------------------|--------|
| NUMBER OF CORES | NOMINAL CROSS SECTIONAL AREA | CONTINUOUS CURRENT RATING | | |
| | | CLIPPED DIRECT | IN CONDUIT ON WALL | IN AIR |
| | (MM ²) | AMPS | AMPS | AMPS |
| 1 | 25 | 119 | 105 | 127 |
| 3 | 25 | 90 | 84 | 97 |
| 1 | 35 | 147 | 128 | 158 |
| 3 | 35 | 112 | 103 | 120 |



GENELEC



CONCENTRIC CABLE ELECTRIC CHARACTERISTICS

| NOMINAL CROSS SECTIONAL AREA | MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C | MAXIMUM AC RESISTANCE OF CONDUCTOR AT 20°C - | MAXIMUM DC RESISTANCE OF CONCENTRIC CONDUCTOR AT 20°C - |
|------------------------------------|---|---|--|
| (MM ²) | Ω/KM | Ω/KM | Ω/KM |
| 25 | 1.2 | 1.54 | 1.3 |
| 35 | 0.868 | 1.11 | 0.91 |

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.