

# NA2XRY Aluminium Conductor IEC 60502-1 XLPE SWA PVC 0.6/1kV Cable - 25mm<sup>2</sup> to 630mm<sup>2</sup>



## Description

NA2XRY cables are armoured aluminium power and auxiliary conductors rated for 600/1000V service. Engineered for fixed-wire installations, these cables are designed to maintain structural integrity under significant mechanical stress and rigorous environmental conditions. The range is manufactured in accordance with IEC 60502-1 and IEC/EN 60332-1-2 standards.

The cable features Class 2 stranded aluminium conductors insulated with XLPE (Cross-Linked Polyethylene), supported by PVC bedding and a high-grade PVC outer sheath. Integrated Steel Wire Armour (SWA) provides robust mechanical protection, offering safe underground installation and direct burial in free-draining soil. Additionally, the outer sheath is UV-stabilised, ensuring long-term performance in applications requiring direct exposure to sunlight.

## Key Features



**Voltage Rating**  
600/1000 Volts



**Minimum Bending Radius**  
15 x Overall Diameter



**Flame Retardancy**  
BS EN/IEC 60332-1-2



**Temperature Limits**  
Temperature Range: -5°C to +90°C

## Core Colours

- 2 core: Brown Blue
- 3 core: Brown Black Grey
- 4 core: Brown Blue Black Grey
- 5 core: Green Yellow Brown Blue Black Grey

## Standards

- IEC 60502-1
- BS EN/IEC 60332-1-2
- Generally to BS5467

## Construction

- **Conductor:** Class 2 Stranded Aluminium Conductor
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Bedding:** Polyvinyl Chloride (PVC)
- **Armour:** Single core: Aluminium Wire Armoured (AWA)  
Multi-core: Steel Wire Armoured (SWA)
- **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

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