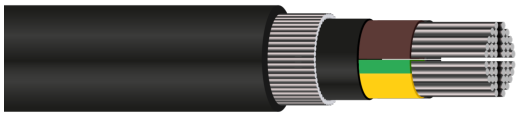
NA2XRY Aluminium Conductor IEC 60502-1 XLPE SWA PVC 0.6/1kV Cable - 25mm² to 630mm²



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

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

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.

ISO/IEC 17025 Accredited Testing Laboratory
UKAS TESTING 31196

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.

CLEVELAND CABLE COMPANY

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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NA2XRY Aluminium Conductor IEC 60502-1 XLPE SWA PVC 0.6/1kV Cable - 25mm² to 630mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
NA2XRY2X25	25	2	1.30	23.20	855
NA2XRY3X25	25	3	1.40	25.30	1110
NA2XRY4X25	25	4	1.30	27.40	1255
NA2XRY5X25	25	5	1.50	29.90	1545
NA2XRY2X35	35	2	1.40	26.40	1165
NA2XRY3X35	35	3	1.50	28.00	1300
NA2XRY4X35	35	4	1.40	30.20	1510
NA2XRY5X35	35	5	1.50	32.70	1825
NA2XRY2X50	50	2	1.60	29.70	1390
NA2XRY3X50	50	3	1.50	28.10	1365
NA2XRY4X50	50	4	1.60	31.50	1650
NA2XRY5X50	50	5	1.60	37.70	3240
NA2XRY1X70	70	1	1.30	19.60	525
NA2XRY2X70	70	2	1.70	34.00	1940
NA2XRY3X70	70	3	1.60	31.50	1700
NA2XRY4X70	70	4	1.60	36.30	2315
NA2XRY5X70	70	5	1.70	43.00	3250
NA2XRY1X95	95	1	1.30	21.00	620
NA2XRY2X95	95	2	1.70	37.20	2260
NA2XRY3X95	95	3	1.70	35.40	2210
NA2XRY4X95	95	4	1.80	39.00	2765
NA2XRY1X120	120	1	1.30	22.70	725
NA2XRY3X120	120	3	1.80	39.00	2610
NA2XRY4X120	120	4	1.90	44.60	3640
NA2XRY1X150	150	1	1.40	26.20	930
NA2XRY2X150	150	2	1.80	46.10	2940
NA2XRY3X150	150	3	1.80	43.00	3495
NA2XRY4X150	150	4	2.00	49.00	4285
NA2XRY1X185	185	1	1.50	27.60	1090
NA2XRY2X185	185	2	2.00	50.00	3995
NA2XRY3X185	185	3	1.90	47.00	4060
NA2XRY4X185	185	4	2.10	53.70	5020
NA2XRY1X240	240	1	1.50	30.30	1310
NA2XRY2X240	240	2	2.10	55.40	4770
NA2XRY3X240	240	3	2.00	51.70	4900
NA2XRY4X240	240	4	2.20	59.50	6105
NA2XRY1X300	300	1	1.60	32.80	1560
NA2XRY2X300	300	2	2.10	60.80	5600

Reference	Conductor Size (mm2)	No Of Cores	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
NA2XRY3X300	300	3	2.10	57.30	5755
NA2XRY4X300	300	4	2.40	65.00	7325
NA2XRY1X400	400	1	1.60	36.90	1995
NA2XRY3X400	400	3	2.30	64.20	7100
NA2XRY1X500	500	1	1.60	40.10	2375
NA2XRY1X630	630	1	1.70	44.50	2970

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