

NA2XS2Y 6/10 (12)kV Cable



Medium voltage power cables with aluminium Conductor for distribution networks. This cable is used extensively in the renewables and datacentre sectors. NA2XS2Y cable is suitable for external installation. Cables can be fixed on cable trays, within conduits or fixed to walls and is suitable for burial in ducts. The cable has a UV Resistant outer sheath.

Key Features



Voltage Rating
6/10 (12)kV



Minimum Bending Radius
15 x Overall Diameter



UV/Ozone Resistance
Yes



Temperature Limits
Ambient Temperature: -20°C to +60°C

Conductor Operating Temperature:
+90°C

Short Circuit Temperature up to 5 sec:
250°C

Construction

- **Conductor:** Class 2 Stranded Aluminium Conductor
- **Conductor Screen:** Semi-Conductive material
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Semi-conductive material (bonded)
- **Screen:** Copper wires and copper tape
- **Outer Sheath:** Medium Density Polyethylene (MDPE)

- **Sheath Colour:** Red or Black

Standards

- IEC 60332-1-2
- IEC 60502-2
- IEC 60228
- UV Resistant: ISO 4892-3
- BS EN 60332-1-2

NA2XS2Y 6/10 (12)kV Cable - Dimensions

Reference	Conductor Size (mm2)	Insulation Thickness (mm)	Sheath Thickness (mm)	Nominal Conductor Diameter	CWS(mm)	Overall Diameter(mm)	Weight(Kg/Km)
6/10NA2XS2Y 1X50	50	3.0	1.6	8.8	RM/16	23.0	560
6/10NA2XS2Y 1X70	70	3.0	1.7	10.0	RM/16	24.5	665
6/10NA2XS2Y 1X95	95	3.0	1.7	11.7	RM/16	26.0	770
6/10NA2XS2Y 1X120	120	3.1	1.8	12.9	RM/16	27.0	870
6/10NA2XS2Y 1X150	150	3.1	1.8	14.5	RM/25	29.5	1130
6/10NA2XS2Y 1X185	185	3.1	1.9	16.2	RM/25	32.0	1230
6/10NA2XS2Y 1X240	240	3.1	2.0	18.8	RM/25	34.0	1435
6/10NA2XS2Y 1X300	300	3.2	2.10	21.0	RM/25	36.5	1635
6/10NA2XS2Y 1X400	400	3.3	2.20	23.4	RM/35	39.5	2050
6/10NA2XS2Y 1X500	500	3.4	2.30	26.3	RM/35	43.0	2550
6/10NA2XS2Y 1X630	630	3.4	2.40	30.5	RM/35	47.0	3000

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.

For more information contact: 01642 241 133

