

NA2XS2Y XLPE MDPE 8.7/15 (17.5) 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
8.7/15 (18) 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 (XLPE)
- **Metallic Screen:** Copper Wires plus Copper tape
- **Separator:** Polyester Tape
- **Outer Sheath:** Medium Density Polyethylene (MDPE)

- **Sheath Colour:** Red

Standards

- IEC 60332-1-2
- IEC 60502-2
- IEC 60228
- BS EN 60332-1-2

NA2XS2Y XLPE MDPE 8.7/15 (17.5) kV Cable - Dimensions

Reference	Conductor Size (mm2)	Insulation Thickness (mm)	Sheath Thickness (mm)	Nominal Conductor Diameter	CWS(mm)	Overall Diameter(mm)	Weight(Kg/Km)
8/15NA2XS2Y 1X50	50	4.2	1.7	8.5	RM/16	27.5	820
8/15NA2XS2Y 1X70	70	4.2	1.8	10.0	RM/16	29.0	975
8/15NA2XS2Y 1X95	95	4.2	1.8	11.5	RM/25	30.5	1185
8/15NA2XS2Y 1X120	120	4.2	2.0	13.0	RM/35	32.0	1430
8/15NA2XS2Y 1X150	150	4.2	2.0	14.5	RM/35	33.5	1550
8/15NA2XS2Y 1X185	185	4.4	2.2	16.0	RM/35	35.0	1695
8/15NA2XS2Y 1X240	240	4.4	2.4	17.4	RM/35	37.4	1915
8/15NA2XS2Y 1X300	300	4.5	2.4	20.6	RM/50	39.3	2125
8/15NA2XS2Y 1X400	400	4.5	2.6	23.0	RM/50	42.3	2445

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