

NA2XSH XLPE LSZH 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. NA2XSH 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 Low smoke zero halogen UV Resistant outer sheath

Key Features



Voltage Rating
8.7/15 (18) kV



Minimum Bending Radius
15 x Overall Diameter



UV/Ozone Resistance
Yes



Flame Retardancy
BS EN/IEC 60332-1-2



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)
- **Overall Tape Screen:** Non swelling semi conductive tape
- **Metallic Screen:** Copper Wires plus Copper tape
- **Tape:** Polyester tape wrapping
- **Outer Sheath:** Low Smoke Zero Halogen (LSZH)
- **Sheath Colour:** Red

Standards

- IEC/EN 60754-1/2
- BS EN/IEC 60332-1-2
- IEC 61034-2
- IEC 60228
- IEC 60502-2

NA2XSH XLPE LSZH 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)
8/15NA2XS1X 50	50	4.0	1.8	8.5	RM/16	27.5	825
8/15NA2XS1X 70	70	4.0	1.8	10.0	RM/25	29.0	995
8/15NA2XS1X 95	95	4.0	1.8	11.2	RM/35	30.5	1210
8/15NA2XS1X 120	120	4.0	1.9	13.0	RM/50	32.0	1455
8/15NA2XS1X 150	150	4.5	1.9	14.5	RM/50	33.5	1585
8/15NA2XS1X 185	185	4.5	2.0	16.5	RM/50	35.0	1735
8/15NA2XS1X 240	240	4.5	2.2	18.5	RM/50	37.5	1935
8/15NA2XS1X 300	300	4.5	2.2	20.5	RM/50	39.5	2150
8/15NA2XS1X 400	400	4.5	2.4	23.5	RM/50	42.0	2465
8/15NA2XS1X 500	500	4.5	2.4	26.5	RM/50	45.5	2880
8/15NA2XS1X 630	630	5.0	2.6	30.0	RM/50	50.5	3380
8/15NA2XS1X 800	800	5.0	2.8	33.5	RM/50	54.0	4005
8/15NA2XS1X 1000	1000	5.0	2.8	39	RM/50	60.0	4775

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