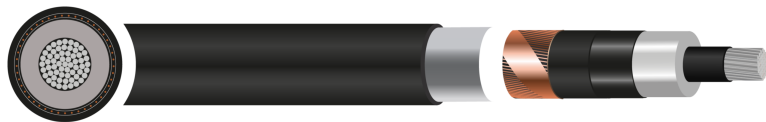


NA2XS(FL)2Y XLPE MDPE 8.7/15 (17.5)kV Cable



Medium voltage power cables with aluminium Conductor for distribution networks. This cable is used extensively in the renewables and datacentre sectors. NA2XS(FL)2Y 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 two longitudinal waterblocking layers and a radial waterblocking aluminium tape which is bonded to a UV Resistant MDPE outer sheath.

Key Features



Voltage Rating
8.7/15 (18) kV



Minimum Bending Radius
15 x Overall Diameter



UV/Ozone Resistance
Yes



Water Resistance
Yes



Temperature Limits
Ambient Temperature: -20 to +70°C

Maximum conductor operating
temperature: +90°C

Construction

- **Conductor:** Class 2 Stranded Aluminium Conductor
- **Conductor Screen:** Semi-Conductive material
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Semi-Conductive (XLPE)
- **Longitudinal Waterblocking:** Swellable Tapes
- **Metallic Screen:** Copper Wires plus Copper tape
- **Tape:** Longitudinal Water Blocking Tape
- **Radial Water Blocking:** Al/PET (Aluminium/Polyester) Tape bonded to sheath
- **Outer Sheath:** Medium Density Polyethylene (MDPE)

- **Sheath Colour:** Black

Standards

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

NA2XS(FL)2Y 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) |
|------------------------|----------------------|---------------------------|-----------------------|----------------------------|---------|----------------------|---------------|
| 8/15NA2XS(F L)2Y1X50 | 50 | 4.0 | 2.0 | 8.5 | RM/16 | 29.0 | 795 |
| 8/15NA2XS(F L)2Y1X70 | 70 | 4.0 | 2.0 | 10.0 | RM/25 | 30.0 | 975 |
| 8/15NA2XS(F L)2Y1X95 | 95 | 4.0 | 2.0 | 11.5 | RM/25 | 32.0 | 1195 |
| 8/15NA2XS(F L)2Y1X120 | 120 | 4.0 | 2.0 | 13.0 | RM/50 | 33.5 | 1435 |
| 8/15NA2XS(F L)2Y1X150 | 150 | 4.5 | 2.0 | 14.5 | RM/50 | 35.0 | 1565 |
| 8/15NA2XS(F L)2Y1X185 | 185 | 4.5 | 2.0 | 16.0 | RM/50 | 36.5 | 1710 |
| 8/15NA2XS(F L)2Y1X240 | 240 | 4.5 | 2.2 | 18.0 | RM/50 | 38.5 | 1910 |
| 8/15NA2XS(F L)2Y1X300 | 300 | 4.5 | 2.2 | 20.5 | RM/50 | 40.5 | 2150 |
| 8/15NA2XS(F L)2Y1X400 | 400 | 4.5 | 2.2 | 23.0 | RM/50 | 43.5 | 2455 |
| 8/15NA2XS(F L)2Y1X500 | 500 | 5.0 | 2.4 | 26.0 | RM/50 | 47.0 | 2875 |
| 8/15NA2XS(F L)2Y1X630 | 630 | 5.0 | 2.5 | 30.0 | RM/50 | 51.5 | 3365 |
| 8/15NA2XS(F L)2Y1X800 | 800 | 5.0 | 2.6 | 34.0 | RM/50 | 56.0 | 3995 |
| 8/15NA2XS(F L)2Y1X1000 | 1000 | 5.0 | 2.8 | 39.0 | RM/50 | 61.0 | 4745 |

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