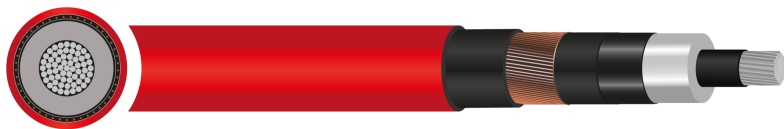


## NA2XS(F)H 12/20 (24)kV Cable



Medium voltage power cables with aluminium Conductor for distribution networks. This cable is used extensively in the renewables and datacentre sectors. NA2XS(F)H 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 waterblocking layers and a UV Resistant Low Smoke, Zero Halogen (LSZH) outer sheath.

### Key Features



**Voltage Rating**  
12/20 (24kV)



**Minimum Bending Radius**  
15 x Overall Diameter



**UV/Ozone Resistance**  
Yes



**Water Resistance**  
Yes



**Flame Retardancy**  
IEC 60332-3-24c



**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)
- **Longitudinal Waterblocking:** Semi-conductive swellable tape
- **Screen:** Copper wires and copper tape
- **Metallic Screen:** Copper Wires plus Copper tape
- **Tape:** Longitudinal Water Blocking Tape
- **Outer Sheath:** Low Smoke Zero Halogen (LSZH)
- **Sheath Colour:** Red or Black

### Standards

- BS EN 60332-3-24 Cat C
- UV Resistant: EN 50396
- BS EN 60332-1-2
- IEC 60228
- IEC 60502-2
- IEC 60332-1-2

NA2XS(F)H 12/20 (24)kV Cable - Dimensions

Reference	Conductor Size (mm2)	Insulation Thickness (mm)	Sheath Thickness (mm)	Nominal Conductor Diameter	CWS(mm)	Overall Diameter(mm)	Weight(Kg/Km)
12/20NA2XS(F)H1X50	50	5.0	1.7	8.5	RM/16	27.5	820
12/20NA2XS(F)H1X70	70	5.0	1.8	10.0	RM/16	29.0	925
12/20NA2XS(F)H1X95	95	5.0	1.9	11.5	RM/16	31.0	1125
12/20NA2XS(F)H1X120	120	5.0	2.0	13.0	RM/16	32.5	1235
12/20NA2XS(F)H1X150	150	5.0	2.0	14.5	RM/25	34.5	1440
12/20NA2XS(F)H1X185	185	5.5	2.1	16.0	RM/25	36.0	1245
12/20NA2XS(F)H1X240	240	5.5	2.2	18.5	RM/25	38.0	1650
12/20NA2XS(F)H1X300	300	5.5	2.3	21.0	RM/25	41.5	1850
12/20NA2XS(F)H1X400	400	5.5	2.4	24.0	RM/35	44.5	2555
12/20NA2XS(F)H1X500	500	6.0	2.5	26.5	RM/35	48.0	3065
12/20NA2XS(F)H1X630	630	6.0	2.6	30.5	RM/35	51.5	3575

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For more information contact: 01642 241 133

