

N2XS(F)H 6/10 (12)kV Cable

LSZH Medium voltage power cables for distribution networks. This cable is used extensively in the renewables and datacentre sectors. N2XS(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 a UV Resistant outer sheath and 2 water blocking layers

Key Features



Voltage Rating
8.7/15 (18) kV



Minimum Bending Radius
15 x Overall Diameter

Construction

- **Conductor:** Class 2 stranded copper conductor
- **Conductor Screen:** Semi-Conductive material
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Semi-Conductive (XLPE)
- **Longitudinal Waterblocking:** Semi-conductive swellable tape
- **Sheath:** Low Smoke Zero Halogen (LSZH)
- **Longitudinal Water Blocking:** Swellable tapes
- **Outer Sheath:** Low Smoke Zero Halogen (LSZH)
- **Sheath Colour:** Red or Black

Standards

- Acid Gas Emission to IEC 60754-1, IEC 60754-2
- BS EN 60332-1-2
- UV Resistant: ISO 4892-3
- IEC 60228
- IEC 60502-2
- IEC 60332-1-2

N2XS(F)H 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)
6/10N2XSFH1 X50	50	3.2	1.65	8.25	RM/16	22.5	920
6/10N2XSFH1 X70	70	3.2	1.65	9.75	RM/16	24.5	1195
6/10N2XSFHH 1X95	95	3.2	1.75	11.50	RM/16	26.5	1400
6/10N2XSFHH 1X120	120	3.3	1.75	13.0	RM/16	27.5	1750
6/10N2XSFHH 1X150	150	3.3	1.8	14.9	RM/25	29.5	2195
6/10N2XSFHH 1X185	185	3.3	1.85	16.5	RM/25	31.0	2425
6/10N2XSFHH 1X240	240	3.4	1.95	19.0	RM/25	34.0	3195
6/10N2XSFHH 1X300	300	3.4	2.0	21.0	RM/25	36.5	3595
6/10N2XSFH1 X400	400	3.4	2.15	24.0	RM/35	39.5	4750
6/10N2XSFH1 X500	500	3.5	2.25	27.0	RM/35	42.5	5820
6/10N2XSFH1 X630	630	3.5	2.35	30.5	RM/35	46.0	6995

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