

N2XS(F)H XLPE LSZH 8.7/15 (17.5) 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
- **Metallic Screen:** Copper Wires plus Copper tape
- **Sheath:** Low Smoke Zero Halogen (LSZH)
- **Longitudinal Water Blocking:** Swellable tapes
- **Outer Sheath:** Low Smoke Zero Halogen (LSZH)
- **Sheath Colour:** Black

Standards

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

N2XS(F)H XLPE LSZH 8.7/15 (17.5) kV Cable - Dimensions

Reference	Conductor Size (mm ²)	Insulation Thickness (mm)	Sheath Thickness (mm)	Nominal Conductor Diameter	CWS(mm)	Overall Diameter(mm)	Weight(Kg/Km)
8/15N2XSFH1 X50	50	4.2	1.65	9.0	RM/16	28.5	1060
8/15N2XSFH1 X70	70	4.2	1.7	10.0	RM/16	30.0	1360
8/15N2XSFH1 X95	95	4.2	1.8	12.0	RM/16	32.0	1730
8/15N2XSFH1 X120	120	4.3	1.9	13.0	RM/25	33.0	2140
8/15N2XSFH1 X150	150	4.3	1.9	15.0	RM/35	35.0	2430

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.

For more information contact: 01642 241 133

