2XS(FL)2Y HDPE High Voltage 26/45 (52) kV Cable 95mm-2000mm



Description

Medium voltage HDPE power cables for distribution networks. This cable is used extensively in the renewables and DNO sectors. 2XS(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 a UV Resistant outer sheath and three water blocking layers to make it water resistant

Key Features

Voltage Rating
26/45 (52kV)

Minimum Bending Radius
15 x Overall Diameter

Temperature Limits
Temperature Range: -20°C to +60°C
Conductor Operating Temperature: +90°C
Short Circuit Temperature up to 5 sec: 250°C

Standards

- DIN VDE 0295 / IEC 60228
- VDE 0276
- IEC 60502-2
- IEC 60840

Construction

- **Conductor**: Class 2 stranded copper conductor
- **Conductor Screen**: Extruded semi-conductive screen
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Insulation Screen**: Strippable Extruded Semi Conductor
- **Water Blocking**: Semi-conductive swellable tape
- **Metallic Screen**: Copper wires with equalising tape
- **Water Blocking**: Semi-conductive swellable tape
- **Tape Separator**: Aluminium tape coated with PE copolymer, applied longitudinally
- **Outer Sheath**: High Density Polyethylene (HDPE)
- **Sheath Colour**: Black

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

2XS(FL)2Y HDPE High Voltage 26/45 (52) kV Cable 95mm-2000mm - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Nominal Conductor Diameter	Insulation Thickness (mm)	CWS(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
26/452XS(FL)2Y HDPE1X95	95	1	11.5	9.0	RM/35	2.8	41	2275
26/452XS(FL)2Y HDPE1X120	120	1	12.9	9.0	RM/35	3.0	42	2550
26/452XS(FL)2Y HDPE1X150	150	1	14.5	9.0	RM/35	3.2	44	2865
26/452XS(FL)2Y HDPE1X185	185	1	16.0	9.0	RM/35	3.2	45	3250
26/452XS(FL)2Y HDPE1X240	240	1	18.5	9.0	RM/35	3.3	48	3850
26/452XS(FL)2Y HDPE1X300	300	1	20.5	9.0	RM/35	3.3	50	4510
26/452XS(FL)2Y HDPE1X400	400	1	23.6	9.0	RM/35	3.4	54	5495
26/452XS(FL)2Y HDPE1X500	500	1	26.5	9.0	RM/35	3.4	57	6615
26/452XS(FL)2Y HDPE1X630	630	1	30.5	9.0	RM/35	3.5	61	8030
26/452XS(FL)2Y HDPE1X800	800	1	34.6	9.0	RM/35	3.5	67	9780
26/452XS(FL)2Y HDPE1X1000	1000	1	38.3	9.0	RM/35	3.6	72	11925
26/452XS(FL)2Y HDPE1X1200	1200	1	41.7	9.0	RM/50	3.6	77	14275
26/452XS(FL)2Y HDPE1X1400	1400	1	46.0	9.0	RM/50	3.7	82	16150
26/452XS(FL)2Y HDPE1X1600	1400	1	49.7	9.0	RM/50	3.7	82	18320
26/452XS(FL)2Y HDPE1X1800	1800	1	53.3	9.0	RM/50	3.8	89	20670
26/452XS(FL)2Y HDPE1X2000	2000	1	54.5	9.0	RM/50	3.8	91	22200

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