

## A2XS(FL)2Y HDPE High Voltage 26/45 (52) kV Cable 95mm-2000mm



### Description

Medium voltage stranded aluminium HDPE power cables for distribution networks. This cable is used extensively in the renewables and DNO sectors. A2XS(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 Aluminium Conductor
- **Conductor Screen:** Extruded semi-conductive screen
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Extruded semi-conductive screen
- **Water Blocking:** Semi-conductive swellable tape
- **Metallic Screen:** Copper wires with equalising tape
- **Waterblocking Tape:** Semi-conductive swellable tape
- **Tape Separator:** Aluminium tape coated with PE copolymer, applied longitudinally
- **Outer Sheath:** High Density Polyethylene (HDPE)
- **Sheath Colour:** Black

### QA Lab

#### 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. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



#### 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

#### ecovadis

## A2XS(FL)2Y HDPE High Voltage 26/45 (52) kV Cable 95mm-2000mm - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Cores	Nominal Conductor Diameter	Insulation Thickness (mm)	CWS(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
26/45A2XS(FL)2 Y HDPE1X95	95	1	11.3	9.0	RM/35	3.0	41.0	1695
26/45A2XS(FL)2 Y HDPE1X120	120	1	12.5	9.0	RM/35	3.0	42.0	1815
26/45A2XS(FL)2 Y HDPE1X150	150	1	14.0	9.0	RM/35	3.1	43.0	1950
26/45A2XS(FL)2 Y HDPE1X185	185	1	16.0	9.0	RM/35	3.1	45.0	2220
26/45A2XS(FL)2 Y HDPE1X240	240	1	18.0	9.0	RM/35	3.2	47.0	2360
26/45A2XS(FL)2 Y HDPE1X300	300	1	20.0	9.0	RM/35	3.2	49.0	2600
26/45A2XS(FL)2 Y HDPE1X400	400	1	23.0	9.0	RM/35	3.3	53.0	3050
26/45A2XS(FL)2 Y HDPE1X500	500	1	25.8	9.0	RM/35	3.3	56.0	3485
26/45A2XS(FL)2 Y HDPE1X630	630	1	29.5	9.0	RM/35	3.4	60.0	4045
26/45A2XS(FL)2 Y HDPE1X800	800	1	33.5	9.0	RM/35	3.5	64.0	6575
26/45A2XS(FL)2 Y HDPE1X1000	1000	1	38.5	9.0	RM/35	3.9	71.5	6580
26/45A2XS(FL)2 Y HDPE1X1200	1200	1	43.0	9.0	RM/50	4.0	78.0	6860
26/45A2XS(FL)2 Y HDPE1X1400	1400	1	45.1	9.0	RM/50	4.1	80.0	7510
26/45A2XS(FL)2 Y HDPE1X1600	1600	1	48.5	9.0	RM/50	4.1	84.0	8290
26/45A2XS(FL)2 Y HDPE1X1800	1800	1	53.0	9.0	RM/50	4.2	88.0	9190
26/45A2XS(FL)2 Y HDPE1X2000	2000	1	55.0	9.0	RM/50	4.4	90.0	9780

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