

## AXMK PVC 1kV Cable - 16mm<sup>2</sup> to 240mm<sup>2</sup>



### Description

A/XMK is a multi core aluminium cable with a PVC Outer Sheath rated to 0.6/1kV. The cable is manufactured for the construction industry in Finland. Designed for power distribution in urban networks, industrial plants, electric power plants and other electricity consumers. It is widely used for the connection of control devices in industry, traffic etc. The cable is suitable for fixed external installation in underground applications or in internal premises fixed within cable ducts or the open air

### Key Features



**Voltage Rating**  
600/1000 Volts



**Minimum Bending Radius**  
10 x Overall Diameter



**Flame Retardancy**  
BS EN/IEC 60332-1-2



**Temperature Limits**  
Operating Temperature: -30°C +90°C  
Maximum Short Circuit Temperature: +250°C

### Core Colours

3 core -	Brown	Blue	Green Yellow		
4 core -	Brown	Black	Grey	Green Yellow	
5 core -	Brown	Blue	Black	Grey	Green Yellow
7 core -	Black	with	White	numbers plus	Green Yellow

### Standards

- HD 308 S2
- BS EN/IEC 60332-1-2
- HD 603 SD
- SFS 4879

### Construction

- **Conductor:** Class 1 round solid aluminium  
Class 2 round stranded aluminium  
Class 2 sector shaped stranded aluminium
- **Conductor:** Class 1 solid or class 2 stranded aluminium
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Tape:** Plastic tape
- **Outer Sheath:** Polyvinyl Chloride (PVC)
- **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

## AXMK PVC 1kV Cable - 16mm<sup>2</sup> to 240mm<sup>2</sup> - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Cores	Insulation Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
AXMKALPVC1KV4X10	10	4	0.7	16.5	277
AXMKALPVC1KV5X10	10	5	0.7	17.8	422
AXMKALPVC1KV1X16	16	1	0.7	9.5	122
AXMKALPVC1KV4X16	16	4	0.7	18.3	377
AXMKALPVC1KV5X16	16	5	0.7	20.	544
AXMKALPVC1KV1X25	25	1	0.9	11.9	175
AXMKALPVC1KV4X25	25	4	0.9	21.1	509
AXMKALPVC1KV5X25	25	5	0.9	22.9	606
AXMKALPVC1KV1X35	35	1	0.9	13.0	206
AXMKALPVC1KV4X35	35	4	0.9	23.4	653
AXMKALPVC1KV5X35	35	5	0.9	25.7	807
AXMKALPVC1KV1X50	50	1	1.0	14.9	267
AXMKALPVC1KV4X50	50	4	1.0	26.4	832
AXMKALPVC1KV5X50	50	5	1.0	30.1	1032
AXMKALPVC1KV1X70	70	1	1.1	17.0	358
AXMKALPVC1KV4X70	70	4	1.1	30.4	1118
AXMKALPVC1KV5X70	70	5	1.1	35.1	1404
AXMKALPVC1KV1X95	95	1	1.1	18.9	451
AXMKALPVC1KV4X95	95	4	1.1	34.1	1465
AXMKALPVC1KV5X95	95	5	1.1	38.1	1800
AXMKALPVC1KV1X120	120	1	1.2	20.7	546
AXMKALPVC1KV4X120	120	4	1.2	38.1	1837
AXMKALPVC1KV5X120	120	5	1.2	40.3	2320
AXMKALPVC1KV1X150	150	1	1.4	22.7	655
AXMKALPVC1KV4X150	150	4	1.4	42.1	2250
AXMKALPVC1KV5X150	150	5	1.4	47.4	2900
AXMKALPVC1KV1X185	185	1	1.6	25.1	800
AXMKALPVC1KV4X185	185	4	1.6	46.6	2807
AXMKALPVC1KV5X185	185	5	1.6	52.7	3353
AXMKALPVC1KV1X240	240	1	1.7	27.6	987
AXMKALPVC1KV4X240	240	4	1.7	52.2	3603
AXMKALPVC1KV5X240	240	5	1.7	59.4	4350
AXMKALPVC1KV4X300	300	4	1.8	55.9	4223

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.