

## AXMK PE Cable- 25mm<sup>2</sup> to 240mm<sup>2</sup>

### Description

A/AXMK is a multi core aluminium cable with a Polyethylene Outer Sheath and is rated to 0.6/1kV. 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**  
Fixed: 8 x overall diameter  
Flexing: 12 x overall diameter



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



**Temperature Limits**  
Minimum Installation Temperature: -25°C  
Maximum Operating Temperature: +90°C  
Maximum Short Circuit Temperature: +250°C

### Standards

- HD 308 S2
- BS EN/IEC 60332-1-2
- HD 603 SD
- BS EN/IEC 60228
- SFS 4879

### Construction

- **Conductor:** Class 2 Stranded Aluminium Conductor
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Outer Sheath:** Polyethylene (PE)
- **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



## AXMK PE Cable- 25mm<sup>2</sup> to 240mm<sup>2</sup> - Dimensions

| Reference        | Conductor Size (mm <sup>2</sup> ) | No Of Cores | Overall Diameter(mm) | Weight(Kg/Km) |
|------------------|-----------------------------------|-------------|----------------------|---------------|
| AXMKALPE1KV4X25  | 25                                | 4           | 21.0                 | 490           |
| AXMKALPE1KV4X35  | 35                                | 4           | 24.0                 | 625           |
| AXMKALPE1KV4X50  | 50                                | 4           | 28.0                 | 715           |
| AXMKALPE1KV4X70  | 70                                | 4           | 31.0                 | 1110          |
| AXMKALPE1KV4X95  | 95                                | 4           | 35.5                 | 1335          |
| AXMKALPE1KV4X120 | 120                               | 4           | 39.5                 | 1800          |
| AXMKALPE1KV4X150 | 150                               | 4           | 41.5                 | 2055          |
| AXMKALPE1KV4X185 | 185                               | 4           | 45.0                 | 2535          |
| AXMKALPE1KV4X240 | 240                               | 4           | 52.0                 | 3265          |

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