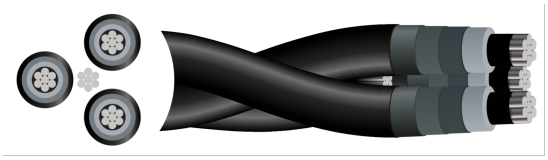
MV Aerial Bundle Cable (ABC) Unscreened 6.35/11kV - 35mm² to 185mm²



Description

Aerial bundled cables (ABC) are designed for overhead power distribution, specifically for low voltage applications. They offer a higher safety level, reduced maintenance, and lower power losses compared to bare conductors. ABC cables are commonly used in rural areas or urban locations where burying cables is not feasible.

Key Features

Voltage Rating
6.35kV / 11kV (12kV)

Minimum Bending Radius
12 x Overall Diameter

Temperature Limits
Maximum operating temperature: +90°C

Standards

- BS 2627
- AS/NZS 3599-2
- IEC 60502-2
- IEC 60228

Construction

- **Phase Conductor**: Class 2 Stranded Aluminium
- **Conductor Screen**: Extruded semi-conductive screen
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Insulation Screen**: Extruded semi-conductive screen
- **Tape**: Semi-Conductive Water Blocking Tape
- **Outer Sheath**: High Density Polyethylene (HDPE)
- **Support Conductor**: Galvanised Steel Wires

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
31196

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.

CLEVELAND CABLE COMPANY

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

MV Aerial Bundle Cable (ABC) Unscreened 6.35/11kV - 35mm² to 185mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Insulation Thickness (mm)	Sheath Thickness (mm)	Overall Diameter(mm)
11KVABC3X35	35	3	5.5	1.2	61.0
11KVABC3X50	50	3	5.5	1.2	63.5
11KVABC3X70	70	3	5.5	1.2	67.0
11KVABC3X95	95	3	5.5	1.2	70.0
11KVABC3X120	120	3	5.5	1.2	76.0
11KVABC3X150	150	3	5.5	1.2	79.0
11KVABC3X185	185	3	5.5	1.2	82.0

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