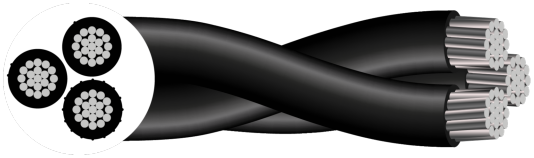
LV Aerial Bundle Cable (ABC) 1kV - 25mm² to 120mm²



Description

Low voltage aerial bundle cable designed for 1kV overhead power distribution. ABC cables provide improved safety, reduced maintenance and lower power losses, making them ideal for rural and urban installations where underground cabling is impractical.

Key Features

Voltage Rating
600/1000 Volts

Minimum Bending Radius
12 x Overall Diameter

Temperature Limits
Maximum working temperature: 75°C

Temperature Limits
Temperature Range: -15°C to + 90°C
Maximum short-circuit temperature: 250°C

Core Colours

Core Identification
Phases by longitudinal ribs (I, II, III)
neutral core by longitudinal ribs

Standards

- IEC 60228
- BS 7870-5
- HD 626 S1

Construction

- **Phase Conductor**: Class 2 Stranded Aluminium
- **Insulation**: XLPE (Cross-linked polyethylene) compound TIX 2
- **Neutral Conductor**: Class 2 Stranded Aluminium
- **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

LV Aerial Bundle Cable (ABC) 1kV - 25mm² to 120mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Insulation Thickness (mm)	Mean Overall Diameter (mm) Lower Limit	Mean Overall Diameter (mm) Upper Limit	Weight(Kg/Km)
1KVABC2X25	25	2	1.3	9.8	10.3	210
1KVABC3X25	25	3	1.3	9.8	10.3	325
1KVABC5X25	25	5	1.3	9.8	10.3	540
1KVABC2X35	35	2	1.4	11.4	11.0	270
1KVABC3X35	35	3	1.4	11.4	11.0	420
1KVABC5X35	35	5	1.4	11.4	11.0	700
1KVABC2X35	50	2	1.5	12.5	13.0	374
1KVABC3X35	50	3	1.5	12.5	13.0	555
1KVABC5X35	50	5	1.5	12.5	13.0	925
1KVABC2X35	70	2	1.6	14.0	14.5	515
1KVABC3X35	70	3	1.6	14.0	14.5	765
1KVABC5X35	70	5	1.6	14.0	14.5	1275
1KVABC2X95	95	2	1.7	16.3	16.8	685
1KVABC3X95	95	3	1.7	16.3	16.8	1000
1KVABC5X95	95	5	1.8	16.3	16.8	1670
1KVABC2X120	120	2	1.7	17.8	18.2	820
1KVABC3X120	120	3	1.8	17.8	18.2	1225
1KVABC5X120	120	5	1.8	17.8	18.2	2050

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