



# MV Aerial Bundle Cable (ABC) Unscreened 6.35/11kV



Eland Product Group:C1G

## APPLICATION

Medium Voltage aerial bundled cable for secondary overhead lines on poles or as feeders to residential premises.

## CHARACTERISTICS

**Voltage Rating U<sub>o</sub>/U:** 6.35/11kV

## CONSTRUCTION

### Conductor

Class 2 Circular compacted stranded Aluminium

### Conductor Screen

Extruded semi-conductive layer

### Insulation

XLPE (Cross-linked polyethylene)

### Insulation Screen

Extruded semi-conductive layer

### Separator

Semi-conductive swellable tape

### Outer Sheath

HDPE (High Density polyethylene)

### Support Conductor

Galvanised steel wires

### Sheath Colour

● Black

## STANDARDS

IEC 60502-2 / AS/NZS 3599-1, BS2627,

## THE CABLE LAB<sup>®</sup>

AN ISO/IEC 17025 AND IECCE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



## SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: [www.elandcables.com/company/about-us/esg-sustainability](http://www.elandcables.com/company/about-us/esg-sustainability)



## REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab<sup>®</sup>.





## DIMENSIONS

ELAND PART NUMBER	NO. CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	THICKNESS OF INSULATION mm	NOMINAL THICKNESS SHEATH mm	MESSENGER WIRE STRANDING No x mm <sup>2</sup>	NOMINAL SECTIONAL AREA MM <sup>2</sup>	BREAKING LOAD KN
C1G11KVS3035	3	35	3.4	1.2	7/4.75	52.4	1370
C1G11KVS3050	3	50	3.4	1.2	7/4.75	54.6	1530
C1G11KVS3070	3	70	3.4	1.2	7/4.75	57.8	1790
C1G11KVS3095	3	95	3.4	1.2	7/4.75	61.3	2100
C1G11KVS3120	3	120	3.4	1.2	19/3.50	67.3	2540
C1G11KVS3150	3	150	3.4	1.2	19/3.50	70.1	2840
C1G11KVS3185	3	185	3.4	1.2	19/3.50	73.1	3190

## TECHNICAL INFORMATION

NOMINAL CROSS SECTION mm <sup>2</sup>	CONTINUOUS CURRENT RATING		
	STILL AIR A	1M/S WIND A	2M/S WIND A
35	105	145	165
50	125	170	200
70	150	215	250
95	180	260	300
120	205	300	350
150	230	340	395
185	265	390	450