

Single Core Bonding Lead WTC Based on EREC C55



Eland Product Group: A2L

CHARACTERISTICS

Test Voltage

Insulation, D.C. for 1 min.: 25kV

CONSTRUCTION

Conductor

Round, stranded, compacted and watertight copper

Insulation

XLPE (Cross-Linked Polyethylene)

Semi-conducting Coating

Graphite

Insulation Colour

● Black

STANDARDS

Based on EREC C55

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE 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



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[®].





DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL CONDUCTOR DIAMETER mm	NOMINAL INSULATION THICKNESS mm	NOMINAL INSULATION DIAMETER mm	NOMINAL GRAPHITE COATING THICKNESS mm	NOMINAL WEIGHT kg/km
A2L01095	1	95	11.5	3.3	18.1	0.1	970
A2L01120	1	120	12.9	3.3	19.5	0.1	1200
A2L01150	1	150	14.5	3.3	21.1	0.1	1460
A2L01185	1	185	16.0	3.3	22.6	0.1	1800
A2L01240	1	240	18.5	3.3	25.1	0.1	2320
A2L01300	1	300	20.5	3.3	27.1	0.1	2900
A2L01400	1	400	23.6	3.3	30.2	0.1	3700
A2L01500	1	500	26.5	3.3	33.1	0.1	4700

ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM CONDUCTOR DC RESISTANCE AT 20 °C Ω/Km	ADMISSIBLE CONDUCTORS SHORT CURRENT 40°C -> 250°C kA	
		1 second	3 seconds
95	0.193	16.5	9.6
120	0.153	20.8	12.1
150	0.124	25.9	15.1
185	0.0991	31.9	18.6
240	0.0754	41.4	24.1
300	0.0601	51.7	30.1
400	0.0470	68.8	40.1
500	0.0366	85.9	49.9

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.