



Hard Drawn Bare Copper Class 2 Cable



Eland Product Group:

CONSTRUCTION

Conductor Construction

Circular non-compacted hard drawn conductor (Class 2)

Material

Cu

STANDARDS

BS 7884

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. | NOMINAL CROSS SECTIONAL AREA mm ² | NO. OF WIRES | NOMINAL DIAMETER OF WIRES mm | NOMINAL CONDUCTOR DIAMETER mm | NOMINAL WEIGHT kg/km |
|----------------|---|--------------|---------------------------------|----------------------------------|-------------------------|
| A2B1016/HD | 16 | 3 | 2.65 | 5.70 | 148.3 |
| A2B1025/HD | 25 | 7 | 2.10 | 6.30 | 217.3 |
| A2B1035/HD | 35 | 7 | 2.50 | 7.50 | 308 |
| A2B1050/7/HD | 50 | 7 | 3.00 | 9.00 | 444 |
| A2B1070/7/HD | 70 | 7 | 3.55 | 10.65 | 621.1 |
| A2B1095/7/HD | 95 | 19 | 2.50 | 12.50 | 841 |
| A2B1120/19/HD | 120 | 37 | 1.98 | 14.00 | 1055 |
| A2B1150/HD | 150 | 19 | 3.20 | 16.00 | 1377 |
| A2B1185/HD | 185 | 37 | 2.50 | 17.50 | 1647 |
| A2B1240/HD | 240 | 61 | 2.22 | 20.00 | 2070 |

ELECTRICAL CHARACTERISTICS

| NOMINAL CROSS SECTIONAL AREA mm ² | MAXIMUM D.C. RESISTANCE AT 20°C ohm/km |
|---|---|
| 16 | 1.106 |
| 25 | 0.7563 |
| 35 | 0.5337 |
| 50 | 0.3706 |
| 70 | 0.2646 |
| 95 | 0.198 |
| 120 | 0.154 |
| 150 | 0.1208 |
| 185 | 0.1024 |
| 240 | 0.0748 |

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.