ELAND® CABLES

5kV 6mm² XLPE BT HDPE Cable

Eland Product Group: AGL

APPLICATION

A single core 5kV, HDPE sheathed power cable with brass tape. Used for the interconnection of Airfield Lighting system. Suitable for installation in conduit, duct, aerial and direct burial..

CHARACTERISTICS

Voltage Rating
5kV

Temperature Rating
-25°C to +90°C

Minimum Bending Radius
9 x overall diameter

CONSTRUCTION

Conductor
Class 2 stranded copper conductor

Insulation
XLPE (Cross-Linked Polyethylene)

Screen
Brass tape

Sheath
HDPE (High-Density Polyethylene)

Sheath Colour
● Black

STANDARDS

FAA L-824C, IEC/EN 60228

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.

ISO/IEC 17025 Accredited Testing Laboratory | IECEE CBTL Accredited Testing Laboratory

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

SCIENCE BASED TARGETS | BUSINESS AMBITION FOR 1.5°C

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®.

RoHS | REACH

DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm²	RADIAL THICKNESS OF INSULATION mm	NOMINAL OVERALL DIAMETER mm	MAXIMUM RESISTANCE OF CONDUCTOR ohms/km
AGLBT6PE	1	6	3.05	12.1	3.08

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.

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