

# 5kV 6mm<sup>2</sup> 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

## DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	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.

## STANDARDS

FAA L-824C, IEC/EN 60228

## 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>.

