

**ELAND<sup>®</sup>**  
**CABLES**

## 5kV 6mm<sup>2</sup> XLPE PCWB PVC Cable



Eland Product Group: AGL

### APPLICATION

A single core 5kV, PVC sheathed power cable with copper wire braid. Used for the interconnection of Airfield Lighting systems 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

PCWB (Plain Copper Wire Braid)

#### Sheath

PVC (Polyvinyl Chloride)

#### 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 |
|----------------|--------------|--|-----------------------------------|-----------------------------|---|
| AGL5KVTC006PV  | 1            | 6  | 3.05                              | 12.9                        | 3.08                                    |

### STANDARDS

FAA L-824C, BS EN 60228

**bsi.**

### ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



### REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.

