

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



Eland Product Group: AGL

### APPLICATION

A single core 5kV, PVC sheathed power cable with copper tape. 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

Copper tape

#### 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
AGL5KCT006PV	1	6	3.05	12.1	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™.

