

5kV 6mm² 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

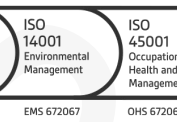
ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	RADIAL THICKNESS OF INSULATION mm	NOMINAL OVERALL DIAMETER mm	MAXIMUM RESISTANCE OF CONDUCTOR ohms/km
AGL5KVTC006PV	1	6	3.05	12.9	3.08

STANDARDS

FAA L-824C, IEC/EN 60228

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™.



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.