



5kV 6mm² XLPE HDPE Cable



Eland Product Group: AGL

APPLICATION

A single core 5kV un-screened HDPE sheathed power cable, 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)

Sheath

HDPE (High-Density Polyethylene)

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
AGL5KV006HD	1	6	3.05	11.9	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™.

