

FAA L-824 Type C Sheathed 5kV



Eland Product Group: F13

APPLICATION

FAA L-824 Type C sheathed cables are used for interconnecting the transformers and the current regulator of airfield lighting systems in series circuits. They are suitable for fixed applications such as taxiways, runways, runways, navigational aids and obstruction lighting. Cables can be installed in conduit, duct, aerial and direct burial.

CHARACTERISTICS

Voltage Rating
5kV

Temperature Rating
Fixed: -40°C to +90°C

Minimum Bending Radius
Static 10x Overall Diameter
Dynamic 20x Overall Diameter

CONSTRUCTION

Conductor
Stranded bare Copper

Insulation
XLPE (Cross-linked polyethylene)

Sheath
PE (Polyethylene) or PVC (Polyvinyl chloride)

Sheath Colour
● Black

DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ² / AWG	NUMBER OF STRAND	NOMINAL INSULATION THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F1305KV010060BK	1	6mm ²	7	0.8	9.9	180
F1305KV018AWGBK	1	8	7	0.76	10.1	95
F1305KV016AWGBK	1	6	7	0.76	11.0	127
F1305KV014AWGBK	1	4	7	1.14	13.0	164

STANDARDS

FAA L-824 Type C, ICEA S-93-639 / NEMA WC74

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 Low Voltage Directive 2014/35/EU and 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™.

