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

STANDARDS

FAA L-824 Type C, ICEA S-93-639 / NEMA WC74
FAA AC150/5345-7F

THE CABLE LAB®

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.

SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability

REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab®.

DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm²/ AWG	NUMBER OF STRAND	NOMINAL INSULATION THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F1305KV010060BK	1	6mm²	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