

# FAA L-824 Type B Shielded 5kV Cable



Eland Product Group: F09

## APPLICATION

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

## CHARACTERISTICS

**Voltage Rating**  
5kV

**Temperature Rating**  
Fixed: -40°C to +85°C

**Minimum Bending Radius**  
12x Overall Diameter

## CONSTRUCTION

**Conductor**  
Stranded bare or tinned copper conductor

**Insulation**  
EPR (Ethylene Propylene Rubber)

**Semi-Conductor**  
Helically applied semi-conducting tape

**Shield**  
Tinned copper tape

**Separator**  
Separation tape

**Sheath**  
CPE (Thermoplastic Chlorinated Polyethylene Elastomer)

**Sheath Colour**  
● Black

## STANDARDS

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

## THE CABLE LAB®

AN ISO/IEC 17025 AND IECCE 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](https://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 SHEATH THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F0905KV010060BK	1	6 mm²	7	2.3	1.2	11.1	194
F0905KV018AWGBK	1	8 AWG	7	2.3	1.2	11.7	225