

# FAA L-824 Type B Unshielded 5kV Cable



Eland Product Group: F08

## 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. They can be installed in conduit and direct burial.

## CHARACTERISTICS

**Rated Voltage U<sub>0</sub>/U (Um)**  
5kV

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

**Minimum Bending Radius**  
5×Overall Diameter

## CONSTRUCTION

**Conductor**  
Stranded bare or tinned copper conductor

**Insulation**  
EPR (Ethylene Propylene Rubber)

**Sheath**  
CPE/PVC

**Sheath Colour**  
● Black

## STANDARDS

FAA L-824 Type B, ICEA S-96-659/NEMA WC71  
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 mm <sup>2</sup> /AWG	NUMBER OF STRAND	NOMINAL INSULATION THICKNESS mm	NOMINAL SHEATH THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F0805KV010060BK	1	6 mm <sup>2</sup>	7/19	2.3	1.2	10.0	150
F0805KV018AWGBK	1	8 AWG	7/19	2.3	0.76	10.7	180
F0805KV016AWGBK	1	6 AWG	7/19	2.3	0.76	11.7	238
F0805KV014AWGBK	1	4 AWG	7/19	2.3	0.76	12.8	326