

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 U₀/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

DIMENSIONS

| ELAND PART NO. | NUMBER OF CORES | NOMINAL CROSS SECTIONAL AREA mm ² /AWG | NUMBER OF STRAND | NOMINAL INSULATION THICKNESS mm | NOMINAL SHEATH THICKNESS mm | NOMINAL OVERALL DIAMETER mm | NOMINAL WEIGHT kg/km |
|-----------------|-----------------|---|------------------|---------------------------------|-----------------------------|-----------------------------|----------------------|
| F0805KV010060BK | 1 | 6 mm ² | 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 |

STANDARDS

FAA L-824 Type B, ICEA S-96-659/NEMA WC71
 FAA AC150/5345-7F

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™.

