

# iavna



## 6mm 5KV Braided AGL Primary Cable

### 5KV Braided Primary Airfield Cable

**XLPE, BT, HDPE - 6MM**



We supply a wide range of FAA approved FAA L-824 airfield ground lighting cables (AGL) specifically designed for safety-critical airport and airfield systems, illuminating runways during aircraft take-off and the landing approach.

This model is supplied with a 0.2mm plain annealed copper braided screen. These FAA-L824 cables are specified as Type A, Type B and Type C cables. They are all XLPE insulated, providing a maximum operating temperature of +90°C. They are supplied with a rated voltage of either 2kV or 5kV.

Our airfield lighting cables can be found in terminals and on airfields around the world. They are manufactured generally in accordance with aviation authorities such as FAA, ICAO, BAA and the Department of the Environment standard M&E 42.

#### **Compliance**

- M&E 42
- Generally to FAA L-824C
- BS EN 60228



## 6mm 5KV Braided AGL Primary Cable

### 6mm<sup>2</sup> 5KV Braided AGL Cable Specification

Item	Detail
Product Type	6mm <sup>2</sup> 5KV Braided AGL Cable
Sheath Colour	Black
Order Code	
No of Cores	1
Braid Screen	16 x 8 x 0.2mm plain annealed copper, 82% coverage
Conductor Area	1mm <sup>2</sup>
Core Colours	Natural
Insulation Radial Thickness	2.52mm
Diameter over Insulation	8.16mm
Sheath Radial Thickness	1.2mm
Overall Diameter	11.36mm
Conductor Resistance	3.08 ohms/km at 20 <sup>o</sup> C Max
Voltage Rating	5KV
Temperature Range	- 15 <sup>o</sup> C to +90 <sup>o</sup> C
Insulation	PE
Cable Weight	200 Kg/km
Conductors	1.04mm Plain Annealed Copper
Sheath/Jacket Material	PVC
Standards	M&E 42
UV Stability	Yes colours are UV stabilised for outdoor use