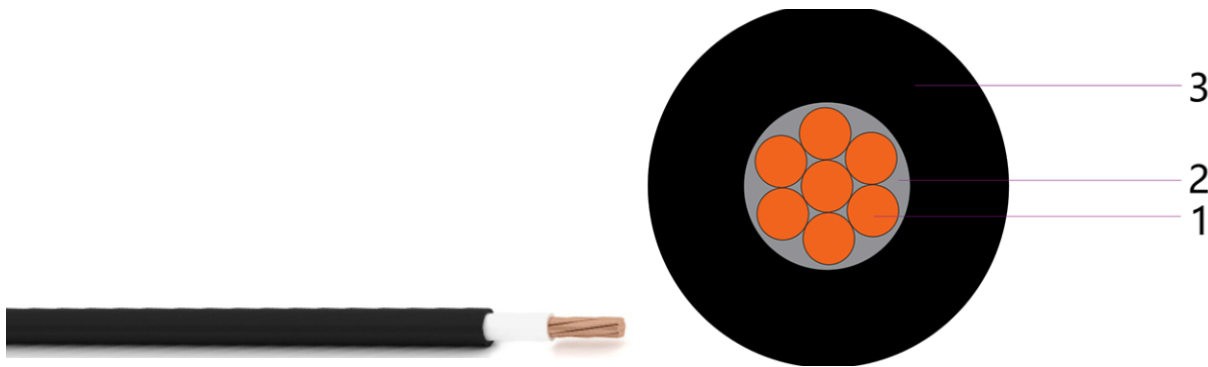




INNOVCABLE AIRPORT CABLE FAA L-824 C UNSHIELDED 5KV



- Conductor: Class B copper according to ASTM B3, B8 and B33
- Semiconductor layer: Extruded semiconductor layer or helically applied semiconductor tape
- Insulation: Cross-linked polyethylene (XLPE) or EPR/B.
- Manufactured in black RAL 9005, or any other color requested by the customer (green, blue, red, etc.).
- Nominal voltage: 5.0 KV

Identification

INNOVCABLE __ X AWG 5000V XLPE 90{D}C FAA-L824, TYPE C UNSHIELDED

Applicable Specifications

Soft or annealed copper wire ASTM B3

Concentric stranded copper conductors ASTM B8



ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire

ICEA S-96-659 (NEMA WC 71) 2001-5000 V Unshielded cables

FAA Specification L-824 C

Applications

Airport lighting cable is built for underground use in accordance with the requirements of (FAA) L-824 C for airport lighting circuits (AC 150/5345-53D), (AC 150/5345-7F). Airport cable is available from #8 AWG to #4 AWG. Class B bare annealed copper conductors, insulated with XLPE or EPR/B cross-linked polyethylene resistant to abrasion, moisture and heat. Airport lighting cable is mainly used for series lighting circuits for runways, control systems and other multifunctional installations. It can be used in direct burial, conduit or ducting.

Maximum Conductor Temperature

- Normal operating temperature: +90° C
- Emergency operating temperature: +130° C
- Short circuit temperature: 250° C

Notes

- We can produce on request, several other cable options and configurations. Innovcable reserves the right to change this catalogue without prior notice.



Size AWG	Conductor		Insulation	Approx. Overall Diameter mm	Approx. Weight		Maximum Conductor DC Resistance 20°C Ω/km
	Structure No.	Approx.OD. mm	Nominal Thickness mm		CU kg/km		
1×8	7/19	3.69	2.79	9.65	132	2.144	
1×6	7/19	4.68	2.79	10.67	186	1.348	
1×4	7/19	5.88	2.79	11.68	268	0.8481	

