



INNOVCABLE AIRPORT CABLE FAA L-824 C SHIELDED 5KV



- Conductor: Bare Braided Copper.
- Semiconductor layer: Extruded semiconductor layer.
- Insulation: Cross-linked Polyethylene (XLPE).
- External semiconductor layer: Helically applied or extruded semiconductor tape.
- Shielding: Shielded in copper tape or tinned copper mesh.
- External Cover: PVC. PE/XLPE can be offered upon request.
- Manufactured in black RAL 9005.
- Nominal voltage: 5.0 KV

Identification

INNOVCABLE __ X AWG 5000V XLPE 90 C FAA-L824, TYPE C SHIELDED



Applicable Specifications

FAA AC 150/5345-7E

FAA AC150/5345-7F

FAA Specification L-824 C

ICEA S-93-639

NEMA WC74

Applications

Airport lighting cable is constructed for underground use in accordance with the requirements of (FAA) L-824 C for airport lighting circuits FAA AC 150/5345-7E, FAA AC150/5345-7F. 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, humidity and heat. Airport lighting cable is mainly used for series lighting circuits for runways, control systems and other multi-functional installations. It can be used in direct burial, conduit or channels.

Maximum Conductor Temperature

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



Notes

– We can produce, upon request, several other options and cable configurations.
Innovcable reserves the right to change this catalog without prior notice.

Size mm ² /AWG	Conductor		Insulation		Sheath		Approx. Weight	Maximum Conductor DC Resistance 20°C Ω/km
	Structure No.	Approx.OD. mm	Nominal Thickness mm	Approx.OD. mm	Nominal Thickness mm	Approx.OD. mm	CU kg/km	
1×6 mm ²	7/19	3.12	2.3	7.72	1.2	11	180	3.08
1×8AWG	7/19	3.69	2.3	8.29	0.76	14.3	298	2.144
1×6AWG	7/19	4.68	2.3	9.28	0.76	15.4	366	1.348
1×4AWG	7/19	5.88	2.3	10.48	1.14	17	513	0.8481