



INNOVCABLE AIRPORT CABLE FAA L-824 C (SHEATHED) 5KV



- Conductor: Bare stranded copper.
- Extruded semi-conductor compound.
- Insulation: Cross-linked polyethylene (XLPE) or EPR/B.
- Outer sheath: PE or PVC.
- Manufactured in black RAL 9005.
- Nominal voltage: 5.0 KV

Identification

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

Applicable Specifications

NEMA WC71

FAA AC150/5345-7F

ICEA S-96-659

FAA L-824 C



Applications

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

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	10.1	150	3.08
1×8AWG	7/19	3.69	2.3	8.29	0.76	10.7	180	2.144
1×6AWG	7/19	4.68	2.3	9.28	0.76	11.7	238	1.348
1×4AWG	7/19	5.88	2.3	10.48	1.14	12.8	326	0.8481