



INNOVCABLE AIRPORT CABLE FAA L-824 C UNSHIELDED 5KV



- Conductor: Class B Copper in accordance with 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 another color upon customer request (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

ASTM B3 Soft or Annealed Copper Wire

ASTM B8 Concentric Stranded Copper Conductors

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

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

FAA Specification L-824 C

NEWA WC71

Applications

Airport lighting beacon is built for underground use according to (FAA) L-824 C requirements for airport lighting circuits (AC 150/5345-53d), (AC 150/5345-7F). The airport cable is available from #8 AWG to #4 AWG. Nu Class B ricpped copper conductors, isolated with covered polyethylene XLPE or EPR/B resistant to abrasion, moisture and heat. Airport lighting cable is mainly used for series lighting circuits for tracks, control systems and other multifunctional 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 beacon cable under consultation, several other options and cable settings. InnovCable reserves the right to change this catalog without any 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