



EPR SHIELDED PRIMARY AGL CABLE

FAA L-824 Type B

3 orderable sizes

STANDARD FAA L-824 Type B	VOLTAGE CLASS 5 kV	TEMPERATURE CLASS 90 °C operating guide
CONDUCTOR Class B stranded bare copper conductor	INSULATION / JACKET CPE, PVC or PE airport outer jacket	

Construction

- 1 **Conductor** – Class B stranded bare copper conductor · 7 × Ø1.56 mm · IEC 60228 cl.2
- 2 **Insulation** – EPR airport lighting insulation · Wall Airport 5 kV EPR wall guide mm
- 3 **Shield** – Foil shield (B)
- 4 **Sheath** – CPE, PVC or PE airport outer jacket

Size selection — all available cross-sections

Cable reference	Airfield duty	Circuit type	FAA / reference type	Conductor size	Voltage class	Insulation wall	Max DC resistance at 20 °C	OD guide
FAA L-824 Type B shielded 5 kV Primary airfield lighting Single conductor EPR with metallic screen and jacket 8 AWG / 8.37 mm ² black	Primary airfield lighting	Constant-current series circuit	FAA L-824 Type B shielded	8 AWG / 8.37 mm ²	5 kV	Airport 5 kV EPR wall guide	2.23 Ω/km	17.9 mm
FAA L-824 Type B shielded 5 kV Primary airfield lighting Single conductor EPR with metallic screen and jacket 6 AWG / 13.3 mm ² black	Primary airfield lighting	Constant-current series circuit	FAA L-824 Type B shielded	6 AWG / 13.3 mm ²	5 kV	Airport 5 kV EPR wall guide	1.40 Ω/km	19.1 mm
FAA L-824 Type B shielded 5 kV Primary airfield lighting Single conductor EPR with metallic screen and jacket 4 AWG / 21.2 mm ² black	Primary airfield lighting	Constant-current series circuit	FAA L-824 Type B shielded	4 AWG / 21.2 mm ²	5 kV	Airport 5 kV EPR wall guide	0.882 Ω/km	20.6 mm

