



SHIELDED PRIMARY AGL CABLE

FAA L-824 Type C

3 orderable sizes

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

Construction

- 1 **Conductor** – Class B stranded bare copper conductor · 126 × Ø0.37 mm · IEC 60228 cl.5
- 2 **Insulation** – XLPE airport lighting insulation · Wall 110 mil / 2.8 mm nominal mm
- 3 **Shield** – Foil shield (B)
- 4 **Sheath** – PVC, PE or CPE 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 C shielded 5 kV Primary airfield lighting Single conductor XLPE with metallic screen 8 AWG / 8.37 mm ² black	Primary airfield lighting	EMI-controlled runway and taxiway series circuit	FAA L-824 Type C shielded	8 AWG / 8.37 mm ²	5 kV	110 mil / 2.8 mm nominal	2.23 Ω/km	16.2 mm
FAA L-824 Type C shielded 5 kV Primary airfield lighting Single conductor XLPE with metallic screen 6 AWG / 13.3 mm ² black	Primary airfield lighting	EMI-controlled runway and taxiway series circuit	FAA L-824 Type C shielded	6 AWG / 13.3 mm ²	5 kV	110 mil / 2.8 mm nominal	1.40 Ω/km	17.3 mm
FAA L-824 Type C shielded 5 kV Primary airfield lighting Single conductor XLPE with metallic screen 4 AWG / 21.2 mm ² black	Primary airfield lighting	EMI-controlled runway and taxiway series circuit	FAA L-824 Type C shielded	4 AWG / 21.2 mm ²	5 kV	110 mil / 2.8 mm nominal	0.882 Ω/km	18.8 mm

