



AIRPORT UTILITY AND APRON POWER CABLE

IEC 60502-1 airport application reference

18 orderable sizes

STANDARD IEC 60502-1 airport application reference	VOLTAGE CLASS 0.6/1 kV	TEMPERATURE CLASS 90 °C conductor guide
CONDUCTOR Class 2 copper conductor	INSULATION / JACKET PVC, PE or LSZH airport outer sheath	

Construction

- 1 **Conductor (per core)** – Class 2 copper conductor · 7 × Ø2.52 mm · IEC 60228 cl.2
- 2 **Core insulation** – XLPE low-voltage power insulation · Wall IEC 60502-1 low-voltage wall guide mm
- 3 **Filler** – PP filler
- 4 **Sheath** – PVC, PE or LSZH airport outer sheath

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
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 2 core 6 mm ² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	6 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	3.08 Ω/km	48416.8 mm
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 2 core 10 mm ² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	10 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	1.83 Ω/km	48417.9 mm
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 2 core 16 mm ² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	16 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	1.15 Ω/km	48419.2 mm
Airport infrastructure power	Airport infrastructure	Terminal, apron and utility power circuit	IEC 60502-1	25 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	0.727 Ω/km	48420.8 mm

Cable reference	Airfield duty	Circuit type	FAA / reference type	Conductor size	Voltage class	Insulation wall	Max DC resistance at 20 °C	OD guide
cable 0.6/1 kV Airport infrastructure power 2 core 25 mm² black sheath	power	utility power circuit	airport power reference			voltage wall guide		
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 2 core 35 mm² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	35 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	0.524 Ω/km	48422.2 mm
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 2 core 50 mm² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	50 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	0.387 Ω/km	48424.0 mm
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 3 core 6 mm² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	6 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	3.08 Ω/km	48417.2 mm
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 3 core 10 mm² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	10 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	1.83 Ω/km	48418.3 mm
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 3 core 16 mm² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	16 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	1.15 Ω/km	48419.6 mm
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 3 core 25 mm² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	25 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	0.727 Ω/km	48421.2 mm
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 3 core 35 mm² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	35 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	0.524 Ω/km	48422.6 mm

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Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 3 core 50 mm ² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	50 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	0.387 Ω/km	48424.4 mm
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 4 core 6 mm ² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	6 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	3.08 Ω/km	48417.6 mm
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 4 core 10 mm ² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	10 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	1.83 Ω/km	48418.7 mm
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 4 core 16 mm ² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	16 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	1.15 Ω/km	48420.0 mm
Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 4 core 25 mm ² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	25 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	0.727 Ω/km	48421.6 mm
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Airport infrastructure power cable 0.6/1 kV Airport infrastructure power 4 core 50 mm ² black sheath	Airport infrastructure power	Terminal, apron and utility power circuit	IEC 60502-1 airport power reference	50 mm ²	0.6/1 kV	IEC 60502-1 low-voltage wall guide	0.387 Ω/km	48424.8 mm