





### IEC RUBBER ARC WELDING CABLE

IEC 60245

10 orderable sizes

STANDARD <b>IEC 60245</b>	VOLTAGE CLASS <b>100/100 V</b>	TEMPERATURE CLASS <b>Flexible service by welding duty cycle</b>
CONDUCTOR <b>Extra flexible copper conductor</b>	INSULATION / JACKET <b>Rubber arc-welding sheath</b>	

#### Construction

- 1**  **Conductor** – Extra flexible copper conductor · 196 × Ø0.4 mm · IEC 60228 cl.5
- 2**  **Insulation** – Rubber arc-welding insulation

#### Size selection — all available cross-sections

Cable reference	Welding duty	Conductor size	AWG / kcmil guide	Max DC resistance at 20 °C	OD guide	Cable weight	Welding current guide
IEC 60245 welding cable 100/100 V Arc welding power lead 1 core 10 mm <sup>2</sup>	Arc welding power lead	10 mm <sup>2</sup>	8 AWG	1.83 Ω/km	10.9–11.9 mm	0.24 kg/m	80–110 A guide
IEC 60245 welding cable 100/100 V Arc welding power lead 1 core 16 mm <sup>2</sup>	Arc welding power lead	16 mm <sup>2</sup>	6 AWG	1.15 Ω/km	12.1–13.1 mm	0.30 kg/m	110–150 A guide
IEC 60245 welding cable 100/100 V Arc welding power lead 1 core 25 mm <sup>2</sup>	Arc welding power lead	25 mm <sup>2</sup>	4 AWG	0.727 Ω/km	13.6–14.6 mm	0.40 kg/m	150–200 A guide
IEC 60245 welding cable 100/100 V Arc welding power lead 1 core 35 mm <sup>2</sup>	Arc welding power lead	35 mm <sup>2</sup>	2 AWG	0.524 Ω/km	14.9–15.9 mm	0.51 kg/m	200–260 A guide
IEC 60245 welding cable 100/100 V Arc welding power lead 1 core 50 mm <sup>2</sup>	Arc welding power lead	50 mm <sup>2</sup>	1/0 AWG	0.387 Ω/km	16.6–17.6 mm	0.67 kg/m	250–330 A guide
IEC 60245 welding cable 100/100 V Arc welding power lead 1 core 70 mm <sup>2</sup>	Arc welding power lead	70 mm <sup>2</sup>	2/0 AWG	0.268 Ω/km	18.4–19.4 mm	0.89 kg/m	320–420 A guide
IEC 60245 welding cable 100/100 V Arc welding power lead 1 core 95 mm <sup>2</sup>	Arc welding power lead	95 mm <sup>2</sup>	3/0 AWG	0.193 Ω/km	20.4–21.4 mm	1.16 kg/m	400–520 A guide

Cable reference	Welding duty	Conductor size	AWG / kcmil guide	Max DC resistance at 20 °C	OD guide	Cable weight	Welding current guide
IEC 60245 welding cable 100/100 V Arc welding power lead 1 core 120 mm <sup>2</sup>	Arc welding power lead	120 mm <sup>2</sup>	250 kcmil	0.153 Ω/km	22.2– 23.2 mm	1.43 kg/m	500–620 A guide
IEC 60245 welding cable 100/100 V Arc welding power lead 1 core 150 mm <sup>2</sup>	Arc welding power lead	150 mm <sup>2</sup>	300 kcmil	0.123 Ω/km	24.1– 25.1 mm	1.75 kg/m	600–730 A guide
IEC 60245 welding cable 100/100 V Arc welding power lead 1 core 185 mm <sup>2</sup>	Arc welding power lead	185 mm <sup>2</sup>	350 kcmil	0.100 Ω/km	26.0– 27.0 mm	2.13 kg/m	700–850 A guide

UE Cable · China — sales@uecable.com · uecable.com Confirm colour, printing, packing length, delivery country and test documents on enquiry.