



RUBBER WELDING CABLE REFERENCE

BS 638 / BS EN 50525-2-81 reference

8 orderable sizes

STANDARD BS 638 / BS EN 50525-2-81 reference	VOLTAGE CLASS 100/100 V	TEMPERATURE CLASS -20 °C to +85 °C flexible service guide
CONDUCTOR Extra flexible copper welding conductor	INSULATION / JACKET Heavy-duty rubber welding sheath	

Construction

- 1 ■ **Conductor** – Extra flexible copper welding conductor · 276 × Ø0.4 mm · IEC 60228 cl.5
- 2 ■ **Insulation** – Rubber 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
0361TQ 100/100 V Welding generator connection 1 core 16 mm²	Welding generator connection	16 mm ²	6 AWG	1.15 Ω/km	13.1–14.1 mm	0.30 kg/m	110–150 A guide
0361TQ 100/100 V Welding generator connection 1 core 25 mm²	Welding generator connection	25 mm ²	4 AWG	0.727 Ω/km	14.6–15.6 mm	0.40 kg/m	150–200 A guide
0361TQ 100/100 V Welding generator connection 1 core 35 mm²	Welding generator connection	35 mm ²	2 AWG	0.524 Ω/km	15.9–16.9 mm	0.51 kg/m	200–260 A guide
0361TQ 100/100 V Welding generator connection 1 core 50 mm²	Welding generator connection	50 mm ²	1/0 AWG	0.387 Ω/km	17.6–18.6 mm	0.67 kg/m	250–330 A guide
0361TQ 100/100 V Welding generator connection 1 core 70 mm²	Welding generator connection	70 mm ²	2/0 AWG	0.268 Ω/km	19.4–20.4 mm	0.89 kg/m	320–420 A guide
0361TQ 100/100 V Welding generator connection 1 core 95 mm²	Welding generator connection	95 mm ²	3/0 AWG	0.193 Ω/km	21.4–22.4 mm	1.16 kg/m	400–520 A guide
0361TQ 100/100 V Welding generator connection 1 core 120 mm²	Welding generator connection	120 mm ²	250 kcmil	0.153 Ω/km	23.2–24.2 mm	1.43 kg/m	500–620 A guide

Cable reference	Welding duty	Conductor size	AWG / kcmil guide	Max DC resistance at 20 °C	OD guide	Cable weight	Welding current guide
0361TQ 100/100 V Welding generator connection 1 core 150 mm²	Welding generator connection	150 mm ²	300 kcmil	0.123 Ω/km	25.1–26.1 mm	1.75 kg/m	600–730 A guide

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