



HARD DRAWN STRANDED BARE COPPER CONDUCTOR

BS 7884

10 orderable sizes

STANDARD BS 7884	CONDUCTOR Hard drawn stranded bare copper conductor	INSULATION / JACKET Hard drawn bare copper surface
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Construction

- 1  **Conductor** – Hard drawn copper conductor · 7 × Ø2.13 mm · IEC 60228 cl.2

Size selection – all available cross-sections

Cable reference	Conductor size	Stranding	Nominal diameter	Max DC resistance at 20 °C	Rated strength guide	Weight guide	Standard reference
Hard drawn bare copper Class 2 conductor BS 7884 Class 2 16 mm ²	16 mm ²	7 hard-drawn copper wires	4.72 mm	1.15 Ω/km	4.3 kN	142 kg/km	BS 7884 Class 2
Hard drawn bare copper Class 2 conductor BS 7884 Class 2 25 mm ²	25 mm ²	7 hard-drawn copper wires	5.90 mm	0.727 Ω/km	6.8 kN	223 kg/km	BS 7884 Class 2
Hard drawn bare copper Class 2 conductor BS 7884 Class 2 35 mm ²	35 mm ²	19 hard-drawn copper wires	6.98 mm	0.524 Ω/km	9.5 kN	312 kg/km	BS 7884 Class 2
Hard drawn bare copper Class 2 conductor BS 7884 Class 2 50 mm ²	50 mm ²	19 hard-drawn copper wires	8.34 mm	0.387 Ω/km	13.5 kN	445 kg/km	BS 7884 Class 2
Hard drawn bare copper Class 2 conductor BS 7884 Class 2 70 mm ²	70 mm ²	19 hard-drawn copper wires	9.87 mm	0.268 Ω/km	18.9 kN	623 kg/km	BS 7884 Class 2
Hard drawn bare copper Class 2 conductor BS 7884 Class 2 95 mm ²	95 mm ²	19 hard-drawn copper wires	11.50 mm	0.193 Ω/km	25.7 kN	846 kg/km	BS 7884 Class 2
Hard drawn bare copper Class 2 conductor BS 7884 Class 2 120 mm ²	120 mm ²	37 hard-drawn	12.9 mm	0.153 Ω/km	32.4 kN	1068 kg/km	BS 7884 Class 2

Cable reference	Conductor size	Stranding	Nominal diameter	Max DC resistance at 20 °C	Rated strength guide	Weight guide	Standard reference
		copper wires					
Hard drawn bare copper Class 2 conductor BS 7884 Class 2 150 mm ²	150 mm ²	37 hard-drawn copper wires	14.5 mm	0.124 Ω/km	40.5 kN	1335 kg/km	BS 7884 Class 2
Hard drawn bare copper Class 2 conductor BS 7884 Class 2 185 mm ²	185 mm ²	37 hard-drawn copper wires	16.0 mm	0.0991 Ω/km	50 kN	1647 kg/km	BS 7884 Class 2
Hard drawn bare copper Class 2 conductor BS 7884 Class 2 240 mm ²	240 mm ²	37 hard-drawn copper wires	18.3 mm	0.0754 Ω/km	64.8 kN	2136 kg/km	BS 7884 Class 2

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