



TINNED STRANDED BONDING CONDUCTOR

IEC 60228 / ASTM B33

15 orderable sizes

STANDARD IEC 60228 / ASTM B33	CONDUCTOR Tinned stranded bonding conductor	INSULATION / JACKET Tinned copper surface
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Construction

- 1 **Conductor** – Tinned stranded copper conductor · 37 × Ø2.87 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
Tinned copper stranded bonding conductor IEC 60228 tinned copper 1.5 mm ²	1.5 mm ²	Class 2 stranded copper, 7 wires	1.45 mm	12.1 Ω/km	0.3 kN	13 kg/km	IEC 60228 tinned copper
Tinned copper stranded bonding conductor IEC 60228 tinned copper 2.5 mm ²	2.5 mm ²	Class 2 stranded copper, 7 wires	1.87 mm	7.41 Ω/km	0.5 kN	22 kg/km	IEC 60228 tinned copper
Tinned copper stranded bonding conductor IEC 60228 tinned copper 4 mm ²	4 mm ²	Class 2 stranded copper, 7 wires	2.36 mm	4.61 Ω/km	0.8 kN	36 kg/km	IEC 60228 tinned copper
Tinned copper stranded bonding conductor IEC 60228 tinned copper 6 mm ²	6 mm ²	Class 2 stranded copper, 7 wires	2.89 mm	3.08 Ω/km	1.2 kN	53 kg/km	IEC 60228 tinned copper
Tinned copper stranded bonding conductor IEC 60228 tinned copper 10 mm ²	10 mm ²	Class 2 stranded copper, 7 wires	3.73 mm	1.83 Ω/km	2 kN	89 kg/km	IEC 60228 tinned copper
Tinned copper stranded bonding conductor IEC 60228 tinned copper 16 mm ²	16 mm ²	Class 2 stranded copper, 7 wires	4.72 mm	1.15 Ω/km	3.2 kN	142 kg/km	IEC 60228 tinned copper

Cable reference	Conductor size	Stranding	Nominal diameter	Max DC resistance at 20 °C	Rated strength guide	Weight guide	Standard reference
Tinned copper stranded bonding conductor IEC 60228 tinned copper 25 mm ²	25 mm ²	Class 2 stranded copper, 7 wires	5.90 mm	0.727 Ω/km	5 kN	223 kg/km	IEC 60228 tinned copper
Tinned copper stranded bonding conductor IEC 60228 tinned copper 35 mm ²	35 mm ²	Class 2 stranded copper, 7 wires	6.98 mm	0.524 Ω/km	7 kN	312 kg/km	IEC 60228 tinned copper
Tinned copper stranded bonding conductor IEC 60228 tinned copper 50 mm ²	50 mm ²	Class 2 stranded copper, 19 wires	8.34 mm	0.387 Ω/km	10 kN	445 kg/km	IEC 60228 tinned copper
Tinned copper stranded bonding conductor IEC 60228 tinned copper 70 mm ²	70 mm ²	Class 2 stranded copper, 19 wires	9.87 mm	0.268 Ω/km	14 kN	623 kg/km	IEC 60228 tinned copper
Tinned copper stranded bonding conductor IEC 60228 tinned copper 95 mm ²	95 mm ²	Class 2 stranded copper, 19 wires	11.50 mm	0.193 Ω/km	19 kN	846 kg/km	IEC 60228 tinned copper
Tinned copper stranded bonding conductor IEC 60228 tinned copper 120 mm ²	120 mm ²	Class 2 stranded copper, 19 wires	12.9 mm	0.153 Ω/km	24 kN	1068 kg/km	IEC 60228 tinned copper
Tinned copper stranded bonding conductor IEC 60228 tinned copper 150 mm ²	150 mm ²	Class 2 stranded copper, 37 or 61 wires	14.5 mm	0.124 Ω/km	30 kN	1335 kg/km	IEC 60228 tinned copper
Tinned copper stranded bonding conductor IEC 60228 tinned copper 185 mm ²	185 mm ²	Class 2 stranded copper, 37 or 61 wires	16.0 mm	0.0991 Ω/km	37 kN	1647 kg/km	IEC 60228 tinned copper
Tinned copper stranded bonding conductor IEC 60228 tinned copper 240 mm ²	240 mm ²	Class 2 stranded copper, 37 or 61 wires	18.3 mm	0.0754 Ω/km	48 kN	2136 kg/km	IEC 60228 tinned copper