



ANNEALED STRANDED BARE COPPER CONDUCTOR

EN 13602 / IEC 60228

18 orderable sizes

STANDARD EN 13602 / IEC 60228	CONDUCTOR Annealed stranded bare copper conductor	INSULATION / JACKET Bare copper surface
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Construction

- 1  Conductor – Class 2 annealed stranded copper conductor · 37 × Ø3.21 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
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 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	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 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	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 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	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 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	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 10 mm ²	10 mm ²	Class 2 stranded copper, 7 wires	3.73 mm	1.83 Ω/km	2 kN	89 kg/km	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 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	EN 13602 Class 2
Bare copper Class 2 annealed stranded	25 mm ²	Class 2 stranded	5.90 mm	0.727 Ω/km	5 kN	223 kg/km	EN 13602 Class 2

Cable reference	Conductor size	Stranding	Nominal diameter	Max DC resistance at 20 °C	Rated strength guide	Weight guide	Standard reference
conductor EN 13602 Class 2 25 mm ²		copper, 7 wires					
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 35 mm ²	35 mm ²	Class 2 stranded copper, 7 wires	6.98 mm	0.524 Ω/km	7 kN	312 kg/km	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 50 mm ²	50 mm ²	Class 2 stranded copper, 19 wires	8.34 mm	0.387 Ω/km	10 kN	445 kg/km	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 70 mm ²	70 mm ²	Class 2 stranded copper, 19 wires	9.87 mm	0.268 Ω/km	14 kN	623 kg/km	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 95 mm ²	95 mm ²	Class 2 stranded copper, 19 wires	11.50 mm	0.193 Ω/km	19 kN	846 kg/km	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 120 mm ²	120 mm ²	Class 2 stranded copper, 19 wires	12.9 mm	0.153 Ω/km	24 kN	1068 kg/km	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 150 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	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 185 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	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 240 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	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 300 mm ²	300 mm ²	Class 2 stranded copper, 37 or 61 wires	20.4 mm	0.0601 Ω/km	60 kN	2670 kg/km	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 400 mm ²	400 mm ²	Class 2 stranded copper, 37 or 61 wires	23.6 mm	0.0470 Ω/km	80 kN	3560 kg/km	EN 13602 Class 2
Bare copper Class 2 annealed stranded conductor EN 13602 Class 2 500 mm ²	500 mm ²	Class 2 stranded copper, 37 or 61 wires	26.4 mm	0.0366 Ω/km	100 kN	4450 kg/km	EN 13602 Class 2