

# Building Wires

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Nominal Size	Min. Insulation Thickness	Nominal Overall Diameter	Max. Conductor DC Resistance at 20°C	Approx. Weight
( mm <sup>2</sup> )	( mm )	( mm )	( Ω / km )	( kg / km )
1.5*	0.7	2.8	12.1	20
1.5	0.7	3	12.1	21
2.5*	0.8	3.4	7.41	33
2.5	0.8	3.7	7.41	34
4	0.8	4.2	4.61	51
6	0.8	4.8	3.08	71
10	1.0	6.1	1.83	120
16	1.0	7.1	1.15	180
25	1.2	8.9	0.727	285
35	1.2	10.1	0.524	380
50	1.4	11.8	0.387	510
70	1.4	13.6	0.268	715
95	1.6	15.9	0.193	990
120	1.6	17.5	0.153	1230
150	1.8	19.4	0.124	1510
185	2.0	21.7	0.0991	1900
240	2.2	24.5	0.0754	2490
300	2.4	27.5	0.0601	3050
400	2.6	30.9	0.047	3900

Remark: (\*) denotes solid conductor