

# Ground wire

## GROUNDING CABLE

### ALUMINIUM-CLAD STEEL CONDUCTORS

Characteristics, according to the ATSM B-416 Standard

No. and size of the wires	Surface area	Diameter	Diameter		Tensile strength	Maximum resistance at 20°	Standard weight
	mm <sup>2</sup>	mm	N°	Ø (mm)	N°	Ω / Km	Kg / Km
<b>3 No. 5AWG</b>	50,29	9,96	3	4,62	5,447	16997	334,1
<b>3 No. 6AWG</b>	39,8	8,86	3	4,11	4,575	21476	264,4
<b>3 No. 7AWG</b>	31,74	7,91	3	3,67	3,859	26935	210,8
<b>3 No. 8AWG</b>	25,04	7,03	3	3,26	3,188	34136	166,3
<b>3 No. 9AWG</b>	19,95	6,27	3	2,91	2,54	42841	132,5
<b>3 No. 10AWG</b>	15,81	5,58	3	2,59	2,012	54081	105
<b>7 No. 5AWG</b>	117,35	13,86	7	4,62	12,04	0,7299	781,1
<b>7 No. 6AWG</b>	92,87	12,33	7	4,11	10,113	0,9222	618,1
<b>7 No. 7AWG</b>	74,05	11,01	7	3,67	8,53	11566	492,9
<b>7 No. 8AWG</b>	58,43	9,78	7	3,26	7,046	14659	388,9
<b>7 No. 9AWG</b>	46,56	8,73	7	2,91	5,615	18397	309,9
<b>7 No. 10AWG</b>	36,88	7,77	7	2,59	4,448	23224	245,5

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	mm <sup>2</sup>	mm	N°	Ø (mm)	N°	Ω / Km	Kg / Km
<b>7 No. 11AWG</b>	29,08	6,9	7	2,3	3,507	29449	193,6
<b>7 No. 12AWG</b>	23,1	6,15	7	2,05	2,786	37070	153,8
<b>19 No. 5AWG</b>	318,51	23,1	19	4,62	32,68	0,27	2128
<b>19 No. 6AWG</b>	252,07	20,55	19	4,11	27,451	0,3411	1684
<b>19 No. 7AWG</b>	200,99	18,35	19	3,67	23,154	0,4278	1343
<b>19 No. 8AWG</b>	158,59	16,3	19	3,26	19,126	0,5422	1060
<b>19 No. 9AWG</b>	126,37	14,55	19	2,91	15,24	0,6805	844
<b>19 No. 10AWG</b>	100,1	12,95	19	2,59	12,072	0,859	669