

## Table de conversion Jauge (AWG) – Section (mm<sup>2</sup>)

Cette table apporte un corrélation précise entre les différents types d'appellations rencontrés dans les domaines des fils de câblage, contacts à sertir, wrapping...

Jauge AWG	Constitution	Conducteurs		
		Diamètre (mm)	Section (mm <sup>2</sup> )	Résistance linéique à 20°C (Ohms / Km)
44	1	0.050	0.0020	8498.00
43	1	0.055	0.0025	7021.00
42	1	0.063	0.0032	5446.00
41	1	0.071	0.0039	4330.00
40	1	0.079	0.0049	3540.00
39	1	0.089	0.0062	2780.00
38	1	0.102	0.0081	2130.00
37	1	0.114	0.0103	1680.00
36	1	0.127	0.0127	1360.00
36	7 x AWG 44	0.152	0.0140	1271.00
35	1	0.142	0.0159	1080.00
34	1	0.160	0.0201	587.00
34	7 x AWG 42	0.192	0.0220	777.00
33	1	0.180	0.0255	675.00
32	1	0.203	0.0324	532.00
32	7 x AWG 40	0.203	0.0340	538.00
32	19 x AWG44	0.229	0.0390	448.00
31	1	0.226	0.0401	430.00
30	1	0.254	0.0507	340.00
30	7 x AWG 38	0.305	0.0570	339.00
30	19 x AWG42	0.305	0.0610	286.70
29	1	0.287	0.0649	266.00
28	1	0.320	0.0806	214.00
28	7 x AWG 36	0.381	0.0720	213.00
28	19 x AWG40	0.406	0.0930	186.00
27	1	0.361	0.1020	169.00
27	7 x AWG 35	0.457	0.1120	179.00
26	1	0.404	0.1280	135.00
26	10x36	0.533	0.1280	137.00
26	19 x AWG38	0.508	0.1550	113.00
26	7 x AWG 34	0.483	0.1420	122.00
25	1	0.455	0.1620	106.00
24	1	0.511	0.2050	84.20
24	7 x AWG 32	0.610	0.2290	76.40
24	10x34	0.582	0.2020	85.60
24	19 x AWG36	0.610	0.2420	69.20
24	41x40	0.582	0.1960	84.00
23	1	0.574	0.2590	66.60
22	1	0.643	0.3240	53.20
22	7 x AWG 30	0.762	0.3570	48.40
22	19 x AWG34	0.787	0.3850	45.10
22	26x36	0.762	0.3320	52.30

<b>21</b>	1	0.724	0.4110	41.90
<b>20</b>	1	0.813	0.5190	33.20
<b>20</b>	7 x AWG 28	0.965	0.5620	33.80
<b>20</b>	10x30	0.889	0.5100	33.90
<b>20</b>	19 x AWG32	0.940	0.6320	28.30
<b>20</b>	26x34	0.914	0.5260	33.00
<b>20</b>	41x36	0.914	0.5230	32.90
<b>19</b>	1	0.912	0.6530	26.40
<b>18</b>	1	1.020	0.8230	21.00
<b>18</b>	7 x AWG 26	1.219	0.9020	19.20
<b>18</b>	16x30	1.194	0.8160	21.30
<b>18</b>	19 x AWG30	1.245	0.9690	17.90
<b>18</b>	41x34	1.194	0.8300	20.90
<b>18</b>	65x36	1.194	0.8290	21.00
<b>17</b>	1	1.150	1.0400	16.60
<b>16</b>	1	1.290	1.3100	13.20
<b>16</b>	7 x AWG 24	1.524	1.4420	12.00
<b>16</b>	65x34	1.499	1.3160	13.20
<b>16</b>	26x30	1.499	1.3260	13.10
<b>16</b>	19 x AWG29	1.473	1.3270	14.00
<b>16</b>	105x36	1.499	1.3390	13.10
<b>15</b>	1	1.450	1.6500	10.40
<b>14</b>	1	1.630	2.0800	8.28
<b>14</b>	7 x AWG 22	1.854	2.2850	7.60
<b>14</b>	19 x AWG27	1.854	1.9540	8.90
<b>14</b>	41x30	1.854	2.0910	8.30
<b>14</b>	105x34	1.854	2.1250	8.20
<b>13</b>	1	1.830	2.6300	6.56
<b>12</b>	1	2.050	3.3100	5.21
<b>12</b>	7 x AWG 20	2.438	3.6600	4.80
<b>12</b>	19 x AWG25	2.369	3.1050	5.60
<b>12</b>	65x30	2.413	3.3150	5.70
<b>12</b>	165x34	2.413	3.3400	5.20
<b>11</b>	1	2.300	4.1700	4.14
<b>10</b>	1	2.588	5.2600	3.277
<b>10</b>	37 x AWG 26	2.921	4.7700	3.600
<b>10</b>	49x27	2.946	5.0380	3.600
<b>10</b>	165x34	2.946	5.3700	3.200
<b>9</b>	1	2.906	6.6300	2.600
<b>8</b>	1	3.264	8.3700	2.061
<b>8</b>	49x25	3.734	8.0070	2.200
<b>8</b>	133x29	3.734	8.6620	2.000
<b>8</b>	655/36	3.734	8.4790	2.000
<b>7</b>	1	3.655	10.5500	1.634
<b>6</b>	1	4.115	13.3000	1.296
<b>6</b>	133x27	4.674	13.6750	1.500
<b>6</b>	259x30	4.674	13.2090	1.300
<b>6</b>	1050x36	4.674	13.3880	1.300
<b>5</b>	1	4.620	16.7700	1.028
<b>4</b>	1	5.189	21.1500	0.8152
<b>4</b>	133x25	5.898	21.7330	0.8000
<b>4</b>	259x27	5.898	26.6290	0.6600
<b>4</b>	1666x36	5.898	21.2420	0.8200
<b>3</b>	1	5.827	26.6700	0.6466
<b>2</b>	1	6.543	33.6200	0.5128

<b>2</b>	133x23	7.417	34.6480	0.5000
<b>2</b>	259x26	7.417	33.3920	0.5200
<b>2</b>	665x30	7.417	33.9150	0.5200
<b>2</b>	2646x36	7.417	33.7370	0.5200
<b>1</b>	1	7.348	42.4100	0.4065
<b>1</b>	817 x AWG 30	8.331	41.6670	0.4200
<b>1</b>	2109x34	8.331	42.6900	0.4100
<b>1/0</b>	1	8.252	53.4900	0.3223
<b>1/0</b>	133x21	9.347	55.0980	0.3100
<b>1/0</b>	259x24	9.347	53.3640	0.3200
<b>2/0</b>	1	9.266	67.4300	0.2557
<b>2/0</b>	133x20	10.516	69.4580	0.2500
<b>2/0</b>	259x23	10.516	67.4720	0.2500
<b>3/0</b>	1	10.400	85.0100	0.2028
<b>3/0</b>	259x22	11.786	83.2300	0.2000
<b>3/0</b>	427 x AWG 24	11.786	87.9790	0.1900
<b>4/0</b>	1	11.680	107.2200	0.1608
<b>4/0</b>	259x21	13.259	107.2970	0.1600
<b>4/0</b>	427 x AWG 23	13.259	111.2370	0.1500

Table de correspondance entre les jauges (Gauge AWG)  
 et les diamètres et les sections de fil.