

PHERCAB

Calibre de cable americano (AWG)

Tabla de equivalencias

AWG	Composición del conductor	DE Aproximado		Sección transversal	Resistencia	
		pul	mm	mm ²	Ω/1000 pies	Ω/100 m
40	Sólido	0.0031	0.079	0.005	1080.0	354.3
39	Sólido	0.0035	0.089	0.006	847.8	278.2
38	Sólido	0.0040	0.102	0.008	648.6	212.8
37	Sólido	0.0045	0.114	0.010	512.1	168.0
36	Sólido	0.0050	0.127	0.013	414.8	136.1
	7/44	0.0060	0.153	0.014	414.8	136.1
35	Sólido	0.0056	0.142	0.016	331.0	108.6
34	Sólido	0.0063	0.160	0.020	260.9	85.6
	7/42	0.0075	0.191	0.022	260.9	85.6
33	Sólido	0.0071	0.180	0.025	206.9	67.9
32	Sólido	0.0080	0.209	0.032	164.1	53.8
	7/40	0.0093	0.203	0.034	164.1	53.8
	19/44	0.0100	0.229	0.039	164.1	53.8
31	Sólido	0.0089	0.226	0.040	130.1	42.7
30	Sólido	0.0100	0.255	0.051	103.2	33.9
	7/38	0.0120	0.305	0.056	112.0	36.7
	19/42	0.0120	0.305	0.060	112.0	36.7
29	Sólido	0.0113	0.287	0.064	81.8	26.8
28	Sólido	0.0126	0.320	0.080	64.9	21.3
	7/36	0.0150	0.381	0.071	70.7	23.2
	19/42	0.0160	0.406	0.093	70.7	23.2
27	Sólido	0.0142	0.361	0.102	51.5	16.9
	7/35	0.0170	0.457	0.111	55.6	18.2
26	Sólido	0.0159	0.404	0.127	40.8	13.4
	7/34	0.0190	0.483	0.140	44.4	14.6
	10/36	0.0200	0.533	0.127	44.4	14.6
	19/38	0.0210	0.508	0.153	44.4	14.6
25	Sólido	0.0179	0.455	0.163	32.4	10.6
24	Sólido	0.0201	0.511	0.203	25.7	8.4
	7/32	0.0240	0.610	0.226	27.7	9.1
	10/34	0.0240	0.584	0.200	27.7	9.1
	19/35	0.0240	0.610	0.239	27.7	9.1
	41/40	0.0230	0.584	0.201	27.7	9.1
23	Sólido	0.0226	0.574	0.259	20.4	6.7
22	Sólido	0.0253	0.643	0.322	16.1	5.3
	7/30	0.0310	0.762	0.352	17.5	5.7
	19/44	0.0300	0.787	0.380	17.5	5.7
	26/36	0.0310	0.762	0.327	17.5	5.7

AWG	Composición del conductor	DE Aproximado		Sección transversal	Resistencia	
		pul	mm	mm ²	Ω/1000 pies	Ω/100 m
21	Sólido	0.0285	0.724	0.412	12.8	4.2
20	Sólido	0.0320	0.813	0.514	10.2	3.3
	7/28	0.0380	0.965	0.562	10.9	3.6
	10/30	0.0370	0.890	0.504	10.9	3.6
	19/32	0.0370	0.940	0.612	10.9	3.6
	26/34	0.0360	0.914	0.520	10.9	3.6
	41/36	0.0380	0.914	0.533	10.9	3.6
19	Sólido	0.0359	0.912	0.653	8.1	2.7
18	Sólido	0.0403	1.020	0.816	6.4	2.1
	7/26	0.0480	1.220	0.891	6.9	2.3
	16/30	0.0470	1.200	0.808	6.9	2.3
	19/30	0.0490	1.240	0.957	6.9	2.3
	41/34	0.0470	1.200	0.819	6.9	2.3
	65/34	0.0470	1.200	0.845	6.9	2.3
17	Sólido	0.0453	1.150	1.039	5.1	1.7
16	Sólido	0.0508	1.290	1.300	4.0	1.3
	7/24	0.0600	1.520	1.420	4.4	1.4
	19/29	0.0580	1.470	1.216	4.4	1.4
	26/30	0.0590	1.500	1.310	4.4	1.4
	65/34	0.0590	1.500	1.300	4.4	1.4
	105/36	0.0590	1.500	1.365	4.4	1.4
15	Sólido	0.0571	1.450	1.651	3.2	1.0
14	Sólido	0.0641	1.630	2.070	2.5	0.8
	7/20	0.0760	1.850	2.260	2.7	0.9
	19/27	0.0710	1.850	1.930	2.7	0.9
	41/30	0.0750	1.850	2.060	2.7	0.9
	105/36	0.0750	1.850	2.100	2.7	0.9
13	Sólido	0.0720	1.830	2.630	2.0	0.7
12	Sólido	0.0808	2.050	3.290	1.6	0.5
	7/20	0.0960	2.440	3.610	1.7	0.6
	19/25	0.0930	2.360	3.070	1.7	0.6
	65/30	0.0950	2.410	3.270	1.7	0.6
	165/34	0.0950	2.410	3.300	1.7	0.6
11	Sólido	0.0907	2.300	4.155	1.3	0.4
10	Sólido	0.1019	2.600	5.230	1.0	0.3
	37/26	0.1150	2.920	4.710	1.1	0.4
	65/28	0.1200	2.950	5.230	1.1	0.4
	105/30	0.1180	2.950	5.355	1.1	0.4

Tabla de conversión

Para convertir estándar a métrico			
pul	mm	x 25.4	#
pies	m	: 0.3048	#
mi	km	x 1.6093	*
libras	kg	x 0.4536	*
lbs/1000 libras	kg/km	x 1.488	*
°F	°C	(F-32)/1.8	#

Para convertir métrico a estándar			
mm	pul	: 25.4	#
m	pies	x 0.3048	#
km	mi	x 0.6214	*
kg	libras	x 2.204	*
kg/km	lbs/1000 libras	x 0.67197	*
°C	°F	1.8 x °C + 32	#

= Valor exacto * = Valor aproximado x = multiplicar por : = dividir por