



Cable Conductor Data

Size • Stranding • Current Rating

AWG	STRANDING	APPROX. DIA.		CROSS SECTION	DC RESISTANCE	CURRENT RATING
		MM	INCHES	MM ²	OHMS/1000M	(amps) Free air. 80°C*
30	41/46	0.30	.012	0.051	337.3	0.40
29	51/46	0.35	.014	0.064	271.3	0.50
28	41/44	0.37	.015	0.081	212.3	0.60
26	SOLID	0.40	.016	0.130	133.9	1.0
26	7/34	0.48	.019	0.141	122.4	1.0
26	10/36	0.51	.020	0.127	136.2	1.0
26	19/38	0.50	.020	0.151	113.8	1.0
26	51/42	0.56	.022	0.160	107.3	1.0
26	66/44	0.48	.019	0.131	131.9	1.0
24	SOLID	0.51	.020	0.205	84.3	1.6
24	7/32	0.61	.024	0.224	76.8	1.6
24	10/34	0.64	.025	0.201	85.6	1.6
24	16/36	0.61	.024	0.203	85.0	1.6
24	19/36	0.64	.025	0.241	71.5	1.6
24	41/40	0.59	.023	0.205	84.0	1.6
22	SOLID	0.64	.025	0.326	52.8	2.5
22	7/30	0.76	.030	0.356	48.2	2.5
22	19/34	0.80	.032	0.383	44.9	2.5
22	26/36	0.75	.030	0.329	52.5	2.5
22	65/40	0.78	.031	0.326	52.5	2.5
20	SOLID	0.81	.032	0.518	33.5	4.0
20	7/28	0.96	.038	0.567	30.5	4.0
20	10/30	1.02	.040	0.509	33.8	4.0
20	19/32	1.01	.040	0.609	28.2	4.0
20	26/34	0.94	.037	0.524	32.8	4.0
20	105/40	0.99	.039	0.526	32.8	4.0
18	SOLID	1.02	.040	0.823	21.0	8.0
18	7/26	1.21	.048	0.901	19.0	8.0
18	16/30	1.23	.048	0.815	21.0	8.0
18	19/30	1.27	.050	0.968	17.7	8.0
18	41/34	1.19	.047	0.826	21.0	8.0
18	65/36	1.25	.049	0.823	21.0	8.0
18	168/40	1.34	.053	0.842	20.3	8.0
16	SOLID	1.29	.051	1.309	13.1	10.0
16	7/24	1.53	.060	1.433	12.1	10.0
16	19/29	1.43	.056	1.220	14.1	10.0
16	26/30	1.50	.059	1.324	13.1	10.0
16	41/32	1.50	.059	1.326	13.3	10.0
16	65/34	1.57	.062	1.309	13.1	10.0
16	260/40	1.73	.068	1.303	13.1	10.0
14	SOLID	1.63	.064	2.081	8.2	15.0
14	7/22	1.85	.073	2.285	7.6	15.0
14	19/27	1.80	.071	1.940	8.9	15.0
14	41/30	1.89	.075	2.088	8.2	15.0
12	7/20	2.44	.096	3.660	4.9	20.0
12	19/25	2.27	.090	3.085	5.6	20.0

* Please refer to Mil-W-5088 for specific current ratings