

CABLE CONDUCTOR DATA

SIZE • STRANDING • CURRENT RATING

**Heritage
Quality
Performance**

AWG	Stranding	Approximate Diameter		Cross Section mm	DC Resistance Ohms/1000 m	Current Rating (amps) Free air, 80° C*	AWG	Stranding	Approximate Diameter		Cross Section mm	DC Resistance Ohms/1000 m	Current Rating (amps) Free air, 80° C*
		inches	mm						inches	mm			
30	Solid	.010	0.25	0.051	338.6	0.40	20	Solid	.032	0.81	0.518	33.5	4.0
30	7/38	.012	0.30	0.056	309.1	0.40	20	7/28	.038	0.96	0.567	30.5	4.0
30	19/42	.013	0.32	0.060	288.1	0.40	20	10/30	.040	1.02	0.509	33.8	4.0
30	41/46	.012	0.30	0.051	337.3	0.40	20	19/32	.040	1.01	0.609	28.2	4.0
29	Solid	.011	0.29	0.064	268.4	0.50	20	26/34	.037	0.94	0.524	32.8	4.0
29	51/46	.014	0.35	0.064	271.3	0.50	20	105/40	.039	0.99	0.526	32.8	4.0
28	Solid	.013	0.32	0.081	212.9	0.60	18	Solid	.040	1.02	0.823	21.0	8.0
28	7/36	.015	0.38	0.089	194.6	0.60	18	7/26	.048	1.21	0.901	19.0	8.0
28	19/40	.016	0.40	0.095	181.1	0.60	18	16/30	.048	1.23	0.815	21.0	8.0
28	41/44	.015	0.37	0.081	212.3	0.60	18	19/30	.050	1.27	0.968	17.7	8.0
28	65/46	.015	0.39	0.081	212.9	0.60	18	41/34	.047	1.19	0.826	21.0	8.0
26	Solid	.016	0.40	0.130	133.9	1.00	18	65/36	.049	1.25	0.823	21.0	8.0
26	7/34	.019	0.48	0.141	122.4	1.00	18	168/40	.053	1.34	0.824	20.3	8.0
26	10/36	.020	0.51	0.130	136.2	1.00	16	Solid	.051	1.29	1.309	14.1	10.0
26	19/38	.020	0.50	0.151	113.8	1.00	16	7/24	.060	1.53	1.433	12.1	10.0
26	51/42	.022	0.56	0.160	107.3	1.00	16	19/29	.056	1.43	1.220	14.1	10.0
26	66/44	.019	0.48	0.131	131.9	1.00	16	26/30	.059	1.50	1.220	14.1	10.0
24	Solid	.020	0.51	0.205	84.3	1.6	16	41/32	.059	1.50	1.326	13.3	10.0
24	7/32	.024	0.61	0.224	76.8	1.6	16	65/34	.062	1.57	1.309	13.3	10.0
24	10/34	.025	0.64	0.201	85.6	1.6	16	260/40	.068	1.73	1.303	13.3	10.0
24	16/36	.024	0.61	0.201	85.0	1.6	14	Solid	.064	1.63	2.081	8.2	15.0
24	19/36	.025	0.64	2.441	71.5	1.6	14	7/22	.073	1.85	2.285	7.6	15.0
24	41/40	.023	0.59	0.205	84.0	1.6	14	19/27	.071	1.80	1.940	8.9	15.0
22	Soid	.025	0.64	0.326	52.8	2.5	14	41/30	.075	1.89	2.088	8.2	15.0
22	7/30	.030	0.76	0.356	48.2	2.5	12	7/20	.096	2.44	3.660	4.9	20.0
22	19/34	.032	0.80	0.383	44.9	2.5	12	19/25	.090	2.27	3.085	5.6	20.0
22	26/36	.030	0.75	0.329	52.5	2.5	12	65/30	.098	2.50	3.310	5.2	20.0
22	65/40	.031	0.78	0.326	52.5	2.5							

*Please refer to MIL-W-5088 for specific ratings.