

Round Cable & Hose Data

TYPE SO CABLE — 600 VOLT

16 AWG			14 AWG			12 AWG			10 AWG		
No. Cond.	Dia. In.	Weight lb/ft	No. Cond.	Dia. In.	Weight lb/f	No. Cond.	Dia. In.	Weight lb/f	No. Cond.	Dia. In.	Weight lb/f
2	0.374	0.094	2	0.512	0.158	2	0.586	0.204	2	0.638	0.250
3	0.393	0.110	3	0.538	0.184	3	0.616	0.244	3	0.671	0.310
4	0.427	0.144	4	0.584	0.224	4	0.668	0.282	4	0.730	0.371
5	0.510	0.156	5	0.665	0.260	5	0.725	0.322	5	0.796	0.425
6	0.565	0.178	6	0.710	0.302	6	0.805	0.380	6	0.883	0.485
7	0.605	0.202	7	0.710	0.329	7	0.865	0.435	7	0.982	0.593
8	0.645	0.222	8	0.770	0.373	8	0.920	0.475	8	1.052	0.650
9	0.720	0.268	9	0.820	0.414	9	1.020	0.550	9	1.127	0.725
10	0.720	0.278	10	0.885	0.434	10	1.020	0.581	10	1.127	0.760
12	0.740	0.305	12	0.905	0.481	12	1.050	0.645	12	1.153	0.850
14	0.775	0.348	14	1.000	0.556	14	1.105	0.743	14	1.287	1.118
16	0.825	0.386	16	1.050	0.657	16	1.160	0.840	20	1.455	1.400
18	0.860	0.430	18	1.110	0.715	18	1.227	0.925			
20	0.900	0.466	20	1.150	0.785	20	1.287	1.005			
22	0.940	0.503	22	1.210	0.857	22	1.370	1.140			
24	1.015	0.564	24	1.320	0.920	24	1.443	1.225			
26	1.015	0.604	26	1.350	0.986						
28	1.070	0.654	28	1.370	1.098						
30	1.070	0.677	30	1.390	1.138						
32	1.120	0.714									
34	1.155	0.807									
36	1.155	0.820									

TYPE W CABLE — 600 VOLT

AWG Size	No. Cond.	Dia. In.	Weight lb/ft
8	1	0.454	0.137
	2	0.788	0.328
	3	0.894	0.470
	4	0.966	0.583
6	1	0.539	0.199
	2	0.872	0.425
	3	0.983	0.614
	4	1.068	0.769
	5	1.159	0.938
4	1	0.596	0.267
	2	1.040	0.780
	3	1.068	0.797
	4	1.166	1.019
	5	1.335	1.307
2	1	0.666	0.365
	2	1.177	0.888
	3	1.244	1.152
	4	1.326	1.429
1	3	1.413	1.491
	4	1.548	1.877
1/0	1	0.796	0.543
	2	1.454	1.386
	3	1.539	1.805
	4	1.686	2.309
2/0	1	0.849	0.649
	2	1.555	1.640
	3	1.647	2.154
3/0	4	1.807	2.738
	4	1.942	3.320
4/0	1	0.973	0.940
	3	1.933	3.147
250	4	2.100	4.044
	1	1.055	1.113
350	1	1.174	1.471
	1	1.325	2.007

TYPE G-GC CABLE — 600 VOLT

AWG Size	No. Cond.	Dia. In.	Weight lb/ft
8	3	0.915	0.661
6	3	1.000	0.792
4	3	1.120	1.088
2	3	1.250	1.436
1	3	1.440	1.856
1/0	3	1.565	2.270
2/0	3	1.630	2.660
3/0	3	1.800	3.290
4/0	3	2.025	4.147
250	3	2.280	5.108
350	3	2.635	7.058
500	3	2.865	8.900

Whenever possible, refer to specific manufacturer's information regarding cable or hose. If this information is not available, these charts are composites and may be used as guides to typical cable and hose size and weights.

Refer to the National Electric Code for ampere ratings and other details.

HOSE GENERAL PURPOSE

Listings for general purpose hose do NOT include fluid weight. Specific fluid weights should be added when figuring Total Cable/Hose Weight.

I.D. In.	Braid	O.D. In.	PSI (working)	Weight lb/ft
.25	2	0.59	300	0.13
.38	2	0.72	300	0.18
.50	2	0.88	300	0.23
.75	2	1.16	300	0.37
1.00	2	1.44	300	0.64
1.25	2	1.78	300	1.01
1.50	2	2.03	300	1.06

HOSE SINGLE HYDRAULIC

Listings for single hydraulic hose do NOT include fluid weight. Specific fluid weights should be added when figuring Total Cable/Hose Weight.

I.D. In.	Braid	O.D. In.	PSI (working)	Weight lb/ft
.25	2	0.58	5000	0.23
.38	2	0.73	4000	0.35
.50	2	0.86	3500	0.42
.75	2	1.14	2250	0.60
1.00	2	1.48	2000	0.89
1.25	2	1.87	1625	1.40