

AWG AR Metric

AWG Gauge	AWG Metric	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
10	2.588	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4
11	2.304	0.4	0.5	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
12	2.052	0.5	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7
13	1.829	0.5	0.7	0.8	1.0	1.1	1.2	1.4	1.5	1.6	1.8	1.9
14	1.628	0.6	0.8	0.9	1.1	1.2	1.4	1.5	1.7	1.8	2.0	2.1
15	1.450	0.7	0.9	1.0	1.2	1.4	1.6	1.7	1.9	2.1	2.2	2.4
16	1.290	0.8	1.0	1.2	1.4	1.6	1.7	1.9	2.1	2.3	2.5	2.7
17	1.151	0.9	1.1	1.3	1.5	1.7	2.0	2.2	2.4	2.6	2.8	3.0
18	1.024	1.0	1.2	1.5	1.7	2.0	2.2	2.4	2.7	2.9	3.2	3.4
19	0.912	1.1	1.4	1.6	1.9	2.2	2.5	2.7	3.0	3.3	3.6	3.8
20	0.813	1.2	1.5	1.8	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3
21	0.724	1.4	1.7	2.1	2.4	2.8	3.1	3.5	3.8	4.1	4.5	4.8
22	0.643	1.6	1.9	2.3	2.7	3.1	3.5	3.9	4.3	4.7	5.1	5.4
23	0.574	1.7	2.2	2.6	3.0	3.5	3.9	4.4	4.8	5.2	5.7	6.1
24	0.511	2.0	2.4	2.9	3.4	3.9	4.4	4.9	5.4	5.9	6.4	6.8
25	0.455	2.2	2.7	3.3	3.8	4.4	4.9	5.5	6.0	6.6	7.1	7.7
26	0.404	2.5	3.1	3.7	4.3	5.0	5.6	6.2	6.8	7.4	8.0	8.7
27	0.361	2.8	3.5	4.2	4.8	5.5	6.2	6.9	7.6	8.3	9.0	9.7
28	0.320	3.1	3.9	4.7	5.5	6.3	7.0	7.8	8.6	9.4	10.2	10.9
29	0.287	3.5	4.4	5.2	6.1	7.0	7.8	8.7	9.6	10.5	11.3	12.2
30	0.254	3.9	4.9	5.9	6.9	7.9	8.9	9.8	10.8	11.8	12.8	13.8

AWG AR Metric

AWG Gauge	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75
10	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
11	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
12	1.8	1.9	2.1	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0	3.2	3.3
13	2.1	2.2	2.3	2.5	2.6	2.7	2.9	3.0	3.1	3.3	3.4	3.6	3.7
14	2.3	2.5	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.7	3.8	4.0	4.1
15	2.6	2.8	2.9	3.1	3.3	3.4	3.6	3.8	4.0	4.1	4.3	4.5	4.7
16	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8	5.0	5.2
17	3.3	3.5	3.7	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.4	5.6	5.9
18	3.7	3.9	4.2	4.4	4.6	4.9	5.1	5.4	5.6	5.9	6.1	6.3	6.6
19	4.1	4.4	4.7	4.9	5.2	5.5	5.8	6.0	6.3	6.6	6.9	7.1	7.4
20	4.6	4.9	5.2	5.5	5.8	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3
21	5.2	5.5	5.9	6.2	6.6	6.9	7.3	7.6	7.9	8.3	8.6	9.0	9.3
22	5.8	6.2	6.6	7.0	7.4	7.8	8.2	8.6	8.9	9.3	9.7	10.1	10.5
23	6.5	7.0	7.4	7.8	8.3	8.7	9.1	9.6	10.0	10.5	10.9	11.3	11.8
24	7.3	7.8	8.3	8.8	9.3	9.8	10.3	10.8	11.3	11.7	12.2	12.7	13.2
25	8.2	8.8	9.3	9.9	10.4	11.0	11.5	12.1	12.6	13.2	13.7	14.3	14.8
26	9.3	9.9	10.5	11.1	11.8	12.4	13.0	13.6	14.2	14.9	15.5	16.1	16.7
27	10.4	11.1	11.8	12.5	13.2	13.9	14.5	15.2	15.9	16.6	17.3	18.0	18.7
28	11.7	12.5	13.3	14.1	14.8	15.6	16.4	17.2	18.0	18.8	19.5	20.3	21.1
29	13.1	13.9	14.8	15.7	16.6	17.4	18.3	19.2	20.0	20.9	21.8	22.6	23.5
30	14.8	15.7	16.7	17.7	18.7	19.7	20.7	21.7	22.6	23.6	24.6	25.6	26.6

AWG AR Metric

AWG Gauge	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00	9.25	9.50	9.75	10.00
10	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
11	3.0	3.1	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3
12	3.4	3.5	3.7	3.8	3.9	4.0	4.1	4.3	4.4	4.5	4.6	4.8	4.9
13	3.8	4.0	4.1	4.2	4.4	4.5	4.6	4.8	4.9	5.1	5.2	5.3	5.5
14	4.3	4.5	4.6	4.8	4.9	5.1	5.2	5.4	5.5	5.7	5.8	6.0	6.1
15	4.8	5.0	5.2	5.3	5.5	5.7	5.9	6.0	6.2	6.4	6.6	6.7	6.9
16	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8
17	6.1	6.3	6.5	6.7	7.0	7.2	7.4	7.6	7.8	8.0	8.3	8.5	8.7
18	6.8	7.1	7.3	7.6	7.8	8.1	8.3	8.5	8.8	9.0	9.3	9.5	9.8
19	7.7	7.9	8.2	8.5	8.8	9.0	9.3	9.6	9.9	10.1	10.4	10.7	11.0
20	8.6	8.9	9.2	9.5	9.8	10.1	10.5	10.8	11.1	11.4	11.7	12.0	12.3
21	9.7	10.0	10.4	10.7	11.0	11.4	11.7	12.1	12.4	12.8	13.1	13.5	13.8
22	10.9	11.3	11.7	12.1	12.4	12.8	13.2	13.6	14.0	14.4	14.8	15.2	15.6
23	12.2	12.6	13.1	13.5	13.9	14.4	14.8	15.2	15.7	16.1	16.6	17.0	17.4
24	13.7	14.2	14.7	15.2	15.7	16.1	16.6	17.1	17.6	18.1	18.6	19.1	19.6
25	15.4	15.9	16.5	17.0	17.6	18.1	18.7	19.2	19.8	20.3	20.9	21.4	22.0
26	17.3	17.9	18.6	19.2	19.8	20.4	21.0	21.7	22.3	22.9	23.5	24.1	24.8
27	19.4	20.1	20.8	21.5	22.2	22.9	23.5	24.2	24.9	25.6	26.3	27.0	27.7
28	21.9	22.7	23.4	24.2	25.0	25.8	26.6	27.3	28.1	28.9	29.7	30.5	31.3
29	24.4	25.3	26.1	27.0	27.9	28.7	29.6	30.5	31.4	32.2	33.1	34.0	34.8
30	27.6	28.5	29.5	30.5	31.5	32.5	33.5	34.4	35.4	36.4	37.4	38.4	39.4

AWG AR Metric

AWG Gauge	10.25	10.50	10.75	11.00	11.25	11.50	11.75	12.00	12.25	12.50	12.75	13.00
10	4.0	4.1	4.2	4.3	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
11	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6
12	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.8	6.0	6.1	6.2	6.3
13	5.6	5.7	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.8	7.0	7.1
14	6.3	6.4	6.6	6.8	6.9	7.1	7.2	7.4	7.5	7.7	7.8	8.0
15	7.1	7.2	7.4	7.6	7.8	7.9	8.1	8.3	8.4	8.6	8.8	9.0
16	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.3	9.5	9.7	9.9	10.1
17	8.9	9.1	9.3	9.6	9.8	10.0	10.2	10.4	10.6	10.9	11.1	11.3
18	10.0	10.3	10.5	10.7	11.0	11.2	11.5	11.7	12.0	12.2	12.5	12.7
19	11.2	11.5	11.8	12.1	12.3	12.6	12.9	13.2	13.4	13.7	14.0	14.3
20	12.6	12.9	13.2	13.5	13.8	14.1	14.5	14.8	15.1	15.4	15.7	16.0
21	14.2	14.5	14.8	15.2	15.5	15.9	16.2	16.6	16.9	17.3	17.6	18.0
22	15.9	16.3	16.7	17.1	17.5	17.9	18.3	18.7	19.1	19.4	19.8	20.2
23	17.9	18.3	18.7	19.2	19.6	20.0	20.5	20.9	21.3	21.8	22.2	22.6
24	20.1	20.5	21.0	21.5	22.0	22.5	23.0	23.5	24.0	24.5	25.0	25.4
25	22.5	23.1	23.6	24.2	24.7	25.3	25.8	26.4	26.9	27.5	28.0	28.6
26	25.4	26.0	26.6	27.2	27.8	28.5	29.1	29.7	30.3	30.9	31.6	32.2
27	28.4	29.1	29.8	30.5	31.2	31.9	32.5	33.2	33.9	34.6	35.3	36.0
28	32.0	32.8	33.6	34.4	35.2	35.9	36.7	37.5	38.3	39.1	39.8	40.6
29	35.7	36.6	37.5	38.3	39.2	40.1	40.9	41.8	42.7	43.6	44.4	45.3
30	40.4	41.3	42.3	43.3	44.3	45.3	46.3	47.2	48.2	49.2	50.2	51.2