

Roundwire Resistors



FIXED AND ADJUSTABLE ROUNDWIRE RESISTORS					
WATTS	CORE SIZE O.D. x I.D. x L.	STANDARD TERMINAL*	RESISTANCE RANGE		PART NUMBER
			FIXED	ADJUSTABLE	
8	5/16 x 3/16 x 1	3/16	0.82 – 13.5 k	N/A	5 – 16 - Ω
12 (10)	5/16 x 3/16 x 1 3/4	3/16	0.12 – 49 k	0.27 – 10.6 k	5 – 28 - Ω
15 (10)	7/16 x 5/16 x 1 1/2	3/16	0.16 – 28.7 k	N/A	7 – 24 - Ω
20 (15)	7/16 x 5/16 x 2	3/16	0.13 – 53.2 k	N/A	7 – 32 - Ω
25 (20)	9/16 x 5/16 x 2	1/4	0.22 – 35 k	0.50 – 19 k	9 – 32 - Ω
30 (25)	3/4 x 1/2 x 2	1/4	0.28 – 29 k	0.66 – 26 k	12 – 32 - Ω
45 (35)	3/4 x 1/2 x 3	1/4	0.18 – 63 k	1.21 – 49 k	12 – 48 - Ω
50 (35)	9/16 x 5/16 x 4	1/4	0.21 – 119 k	1.34 – 54 k	9 – 64 - Ω
51 (40)	3/4 x 1/2 x 3 1/2	1/4	0.22 – 83 k	1.49 – 61 k	12 – 56 - Ω
61 (45)	3/4 x 1/2 x 4	1/4	0.27 – 97 k	1.77 – 73 k	12 – 64 - Ω
65 (50)	3/4 x 1/2 x 4 1/2	1/4	0.31 – 122 k	2.04 – 84 k	12 – 72 - Ω
75	9/16 x 5/16 x 6	1/4	0.33 – 207 k	2.18 – 89 k	9 – 96 - Ω
76(60)	3/4 x 1/2 x 5	1/4	0.35 – 134 k	2.32 – 96 k	12 – 80 - Ω
80	1 1/8 x 3/4 x 4	3/8	0.06 – 53 k	0.40 – 48 k	18 – 64 - Ω
90	3/4 x 1/2 x 6	1/4	0.43 – 172 k	2.87 – 119 k	12 – 96 - Ω
95	1 1/8 x 3/4 x 5	3/8	0.08 – 79 k	0.56 – 79 k	18 – 80 - Ω
100	3/4 x 1/2 x 6 1/2	1/4	0.47 – 186 k	3.15 – 131 k	12 – 104 - Ω
120	1 1/8 x 3/4 x 6	3/8	0.11 – 100 k	0.71 – 100 k	18 – 96 - Ω
130 (115)	1 1/8 x 3/4 x 6 1/2	3/8	0.12 – 111 k	0.78 – 111 k	18 – 104 - Ω
160	1 1/8 x 3/4 x 8	3/8	0.15 – 144 k	1.00 – 144 k	18 – 128 - Ω
175 (160)	1 1/8 x 3/4 x 8 1/2	3/8	0.16 – 156 k	1.08 – 156 k	18 – 136 - Ω
220	1 5/8 x 1 1/8 x 8 1/2	1/2	0.21 – 69 k	1.38 – 69 k	26 – 136 - Ω
225	1 1/8 x 3/4 x 10 1/2	3/8	0.21 – 200 k	1.38 – 200 k	18 – 168 - Ω
235	1 1/8 x 3/4 x 11 1/4	3/8	0.22 – 216 k	1.49 – 216 k	18 – 180 - Ω
240	1 1/8 x 3/4 x 11 3/4	3/8	0.24 – 227 k	1.56 – 227 k	18 – 188 - Ω
275	1 5/8 x 1 1/8 x 10 1/2	1/2	0.27 – 90 k	1.81 – 90 k	26 – 168 - Ω
300	1 5/8 x 1 1/8 x 11 3/4	1/2	0.31 – 104 k	2.07 – 104 k	26 – 188 - Ω
500‡	2 1/2 x 1 3/4 x 12	1/2	0.49 – 34 k	3.24 – 34 k	40 – 192 - Ω C
750‡	2 1/2 x 1 3/4 x 15	1/2	0.63 – 44 k	4.22 – 44 k	40 – 240 - Ω C
1000‡	2 1/2 x 1 3/4 x 20	1/2	0.89 – 62 k	5.85 – 62 k	40 – 320 - Ω C
1150‡	3 1/4 x 1 3/4 x 20	1/2	1.14 – 41 k	7.58 – 41 k	52 – 320 - Ω C

(All dimensions in inches)

For ADJUSTABLE Resistors, use same part number and add "A" suffix.

Wattages in parentheses are Navy ratings per Mil-R-15109, Form IW.

Ratings are based on a temperature rise of 325° above an ambient of 25°C.

* For additional terminal information, see Terminal Data.

‡ Cement coating is standard rather than Vitreous Enamel.