

Ribwound Resistors



FIXED AND ADJUSTABLE RIBWOUND RESISTORS

WATTS	CORE SIZE O.D. x I.D. x L.	STANDARD TERMINAL*	RESISTANCE RANGE		PART NUMBER FIXED
			FIXED	ADJUSTABLE	
40	5/16 x 5/16 x 2	1/4	.010 - 10.6	N/A	9-32-Ω R
50	3/8 x 1/2 x 2	3/8	.020 - 8.2	N/A	12-32-Ω R
75	3/8 x 1/2 x 3	3/8	.010 - 19.3	N/A	12-48-Ω R
90	5/16 x 5/16 x 4	1/4	.015 - 28.3	.014 - 25.3	9-64-Ω R
100	3/8 x 1/2 x 3 1/2	3/8	.012 - 24.5	.011 - 20.7	12-56-Ω R
110	3/8 x 1/2 x 4	3/8	.015 - 30.6	.014 - 26.8	12-64-Ω R
120 (110)	3/8 x 1/2 x 4 1/2	3/8	.018 - 36.8	.017 - 32.9	12-72-Ω R
135	3/8 x 1/2 x 5	3/8	.021 - 42.9	.020 - 39.0	12-80-Ω R
150	1 1/8 x 3/4 x 4	3/8	.019 - 44.8	.018 - 39.0	18-64-Ω R
160	3/8 x 1/2 x 6	3/8	.027 - 55.0	.027 - 51.3	12-96-Ω R
175	1 1/8 x 3/4 x 4 1/2	3/8	.023 - 53.7	.022 - 48.1	18-72-Ω R
180	3/8 x 1/2 x 6 1/2	3/8	.030 - 61.3	.030 - 57.4	12-104-Ω R
220	1 1/8 x 3/4 x 6	3/8	.035 - 80.6	.035 - 75.0	18-96-Ω R
225 (220)	1 1/8 x 3/4 x 6 1/2	3/8	.036 - 82.8	.036 - 77.2	18-98-Ω R
240 (240)	1 1/8 x 3/4 x 6 1/2	3/8	.038 - 89.5	.039 - 83.9	18-104-Ω R
300 (300)†	1 1/8 x 3/4 x 8 1/2	3/8	.054 - 125	.055 - 120	18-136-Ω R
375	1 1/8 x 3/4 x 10 1/2	3/8	.069 - 161	.072 - 156	18-168-Ω R
400	1 1/8 x 3/4 x 11 1/2	3/8	.075 - 175	.078 - 169	18-180-Ω R
400 (400)	1 1/8 x 1 1/8 x 8 1/2	1/2	.061 - 159	.062 - 149	26-136-Ω R
420	1 1/8 x 3/4 x 11 1/2	3/8	.079 - 184	.082 - 178	18-188-Ω R
500 (500)	1 1/8 x 1 1/8 x 10 1/2	1/2	.081 - 210	.083 - 200	26-168-Ω R
550 (550)	1 1/8 x 1 1/8 x 11 1/2	1/2	.093 - 242	.097 - 232	26-188-Ω R
750‡	2 1/2 x 1 1/8 x 12	1/2	.128 - 166	.130 - 158	40-192-Ω RC
1000‡	2 1/2 x 1 1/8 x 15	1/2	.168 - 217	.176 - 209	40-240-Ω RC
1500‡	2 1/2 x 1 1/8 x 20	1/2	.234 - 303	.248 - 294	40-320-Ω RC
2000‡	3 1/4 x 1 1/8 x 20	1/2	.281 - 391	.300 - 380	52-320-Ω RC

(All dimensions in inches)

For ADJUSTABLE Resistors, use same part number but substitute "AR" for "R".

Wattages in parentheses are Navy ratings per MIL-R-15109, Form EW.

Ratings are based on a temperature rise of 375° above an ambient of 40°C.

† Stock Wattage -- see Stock List below.

‡ Cement coating is standard rather than Vitreous Enamel.

* For additional Terminal information see Terminal Data.

STOCK

Many 300 watt resistors are in stock in both fixed and adjustable styles. Listed below are the more popular 300 watt values. All other wattage ratings and styles are made to order.

OHMS	OHMS	OHMS	OHMS	OHMS	OHMS
0.1	0.5	1.5	2	15.0	40.0
0.15	0.6	2.0	6.0	16.0	50.0
0.2	0.75	2.5	8.0	20.0	60.0
0.25	1.0	3.0	10.0	25.0	80.0
0.375	1.25	4.0	12.0	33.0	100.0