

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	OUTPUT RETURN LOSS (dB)
100	88.09	0.01	0.01
2600	81.72	0.38	0.32
5100	67.51	0.54	0.50
7700	57.13	0.63	0.56
10200	52.19	0.65	0.60
12800	48.44	0.80	0.74
15300	48.76	0.89	0.79
17900	57.26	0.99	0.93
20400	56.53	1.01	0.95
23000	39.31	1.43	1.24
23100	38.97	1.42	1.25
26500	31.73	2.17	2.07
26600	30.43	2.40	2.26
26700	23.22	2.76	2.63
26800	16.38	3.41	3.27
26900	10.57	4.93	4.77
27000	6.15	8.72	8.55
27100	3.78	15.66	15.56
27200	2.94	15.15	15.13
27300	2.63	12.96	12.75
27400	2.40	12.72	12.46
27500	2.17	13.76	13.59
27600	1.96	15.81	15.73
27700	1.79	19.25	19.28
27800	1.67	24.61	26.03
27900	1.60	31.04	35.84
28000	1.58	25.19	25.10
28100	1.59	21.39	20.62
28200	1.59	19.67	18.52
28300	1.60	18.91	17.73
28400	1.60	19.20	17.74
28500	1.59	20.65	18.28
28600	1.59	23.89	19.87
28700	1.59	30.76	21.42
28800	1.61	30.54	21.53
28900	1.67	22.53	19.90
29000	1.78	18.56	17.47
29100	1.91	16.86	15.86
29200	2.07	16.97	15.54
29300	2.34	20.87	16.12
29400	2.99	22.68	14.29
29500	4.72	10.70	8.64
29600	8.20	5.74	4.81
29700	13.31	3.59	3.06
29800	19.82	2.66	2.32
29900	28.43	2.22	1.95
30000	32.58	1.99	1.75
30100	28.14	1.84	1.65
32500	25.47	2.37	2.24
35000	26.66	2.55	2.09
35100	26.61	2.60	2.10
36300	23.00	3.54	2.86
37500	17.32	4.79	3.95
38700	15.48	4.25	3.59
40000	15.22	4.12	3.47
40100	15.12	4.22	3.51
43000	12.72	5.51	4.65
46000	13.74	3.25	3.11
49000	18.66	3.33	2.91
52000	31.21	2.86	2.51
55000	24.23	2.31	2.96
58000	36.05	2.60	2.48
61000	20.17	2.63	3.10



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site  
 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: [www.minicircuits.com](http://www.minicircuits.com)



IF/RF MICROWAVE COMPONENTS