

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	SMA-MALE 1 RETURN LOSS (dB)	SMA-MALE 2 RETURN LOSS (dB)
100.0	0.06	41.7	42.9
200.0	0.10	42.1	42.7
300.0	0.13	42.0	42.2
400.0	0.15	41.3	42.3
500.0	0.17	40.6	42.5
600.0	0.19	38.7	39.9
700.0	0.20	36.6	36.7
800.0	0.22	37.6	39.4
900.0	0.23	39.8	43.6
1000.0	0.24	38.1	40.4
1100.0	0.25	35.0	35.0
1200.0	0.27	36.3	37.8
1300.0	0.27	39.5	41.8
1400.0	0.28	37.7	38.6
1500.0	0.29	33.8	33.2
1600.0	0.30	35.7	36.1
1700.0	0.31	39.4	39.9
1800.0	0.32	36.9	36.6
1900.0	0.33	32.3	31.7
2000.0	0.33	32.4	32.1
2500.0	0.37	33.1	32.1
3000.0	0.41	31.7	30.4
3500.0	0.45	32.0	30.0
4000.0	0.47	31.8	29.6
4500.0	0.50	33.7	31.0
5000.0	0.53	35.5	32.3
5500.0	0.56	35.7	31.7
6000.0	0.59	28.8	28.1
6500.0	0.61	33.5	32.0
7000.0	0.63	36.4	34.5
7500.0	0.66	39.1	36.4
8000.0	0.68	34.6	33.7
8500.0	0.71	34.6	34.5
9000.0	0.74	30.7	32.1
9500.0	0.75	31.1	30.4
10000.0	0.79	29.4	30.3
10500.0	0.81	28.4	29.6
11000.0	0.82	28.4	29.5
11500.0	0.85	27.9	28.8
12000.0	0.88	26.9	27.6
12500.0	0.90	26.7	27.3
13000.0	0.91	27.3	27.6
13500.0	0.96	25.1	25.2
14000.0	1.00	25.8	25.4
14500.0	0.98	27.9	27.4
15000.0	1.00	28.5	27.5
15500.0	1.07	26.1	25.6
16000.0	1.07	25.0	25.2
16500.0	1.06	25.8	26.7
17000.0	1.11	25.3	26.6
17500.0	1.14	25.4	26.2
18000.0	1.13	26.3	36.1



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)



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