

## Typical Performance Data

FREQ. (MHz)	Insertion Loss (dB)	Group Delay (nsec)	Input Return Loss (dB)	Output Return Loss (dB)
10	6.69	0.10	7.17	7.08
50	6.70	0.10	7.17	7.08
100	6.73	0.09	7.18	7.10
200	6.87	0.09	7.23	7.15
400	7.42	0.09	7.41	7.34
600	8.33	0.08	7.70	7.66
800	9.58	0.09	8.08	8.07
1000	11.16	0.08	8.51	8.54
1500	16.34	0.06	9.78	9.90
2000	21.10	0.03	11.06	11.28
2500	20.66	-0.01	12.40	12.66
3000	19.77	-0.06	13.81	14.11
3500	20.92	-0.09	15.57	15.75
4000	25.00	-0.07	17.85	17.71
4500	27.29	-0.03	20.53	19.62
5000	20.37	0.00	21.26	20.01
5500	16.65	0.01	18.70	18.11
6000	15.87	0.01	15.58	15.63
6500	19.49	-0.01	13.09	13.38
7000	22.50	-0.08	11.66	12.09
7300	13.55	-0.16	11.62	12.15
7500	10.00	-0.20	12.08	12.64
8000	4.88	-0.17	14.46	15.14
8500	2.56	-0.04	16.73	17.72
9100	1.45	0.03	19.00	20.55
9500	1.04	0.04	20.86	22.93
10000	0.82	0.04	23.88	26.86
10500	0.68	0.03	27.90	32.78
11000	0.54	-0.04	31.66	35.35
11600	0.50	-0.19	29.64	28.44
12000	0.48	-0.18	26.66	25.22
12500	0.53	-0.02	23.68	22.77
13000	0.48	0.05	21.34	20.97
13500	0.50	0.07	19.57	19.47
14000	0.52	0.07	18.33	18.24
14500	0.56	0.07	17.42	17.18
15000	0.58	0.06	16.67	16.23
15500	0.60	0.05	15.83	15.64
16000	0.66	0.04	14.93	15.32
16500	0.65	0.04	14.16	14.56
17000	0.63	0.04	13.44	13.63
17500	0.59	0.03	12.99	13.73
18000	0.62	0.03	12.76	13.44
18300	0.69	0.03	12.70	13.04
19000	0.77	0.02	12.45	12.57
19500	0.81	0.02	12.06	12.34
20000	0.81	0.02	11.66	12.01
20500	0.86	0.02	11.39	11.66
21000	0.88	0.02	11.20	11.42
21500	0.88	0.02	11.02	11.27
22000	0.92	0.02	10.89	11.15
22500	0.96	0.02	10.76	11.01
23000	0.98	0.02	10.62	10.82
23500	1.01	0.02	10.49	10.65
24000	1.03	0.01	10.35	10.57
24500	1.04	0.01	10.21	10.51
25000	1.04	0.01	10.15	10.46
25500	1.07	0.01	10.03	10.36
26000	1.08	0.01	9.95	10.26
26500	1.10	0.01	9.96	10.22
27000	1.10	0.01	9.83	10.22
27500	1.14	0.01	9.79	10.24
28000	1.24	0.01	9.98	10.33
28500	1.55	0.01	9.90	10.01
29000	1.36	0.01	9.01	9.25
29500	1.22	0.01	9.06	9.42
30000	1.15	0.01	9.09	9.47
30500	1.14	0.01	9.22	9.46
31000	1.13	0.01	9.15	9.48
31500	1.11	0.01	9.15	9.48
32000	1.05	0.01	9.10	9.55
33000	1.05	0.01	9.29	9.71
34000	0.95	0.01	9.35	9.80
35500	0.89	0.01	9.59	9.99
37000	0.79	0.01	9.83	10.20
40000	0.58	0.01	10.38	10.89