

## Typical Performance Data

FREQ. (MHz)	Insertion Loss (dB)	Group Delay (nsec)	Input Return Loss (dB)	Output Return Loss (dB)
10	6.68	0.10	7.15	7.09
50	6.69	0.10	7.15	7.09
100	6.70	0.09	7.16	7.09
200	6.76	0.09	7.17	7.11
400	6.95	0.09	7.23	7.17
600	7.27	0.08	7.34	7.28
800	7.72	0.09	7.47	7.43
1000	8.29	0.08	7.65	7.61
1500	10.21	0.06	8.21	8.20
2000	12.78	0.03	8.87	8.90
2500	15.84	-0.01	9.56	9.64
3000	18.93	-0.06	10.27	10.39
3500	20.77	-0.09	10.97	11.18
4000	20.68	-0.07	11.67	11.93
4500	19.92	-0.03	12.43	12.71
5000	19.44	0.00	13.27	13.48
5500	19.55	0.01	14.22	14.36
6000	20.37	0.01	15.36	15.40
6500	22.16	-0.01	16.73	16.76
7000	25.27	-0.08	18.40	18.40
7500	29.22	-0.20	20.30	20.02
8000	26.93	-0.17	21.80	20.76
8500	22.15	-0.04	21.59	20.18
9000	18.99	0.02	19.70	18.77
9500	17.07	0.04	17.42	17.08
10000	16.29	0.04	15.38	15.30
10500	16.52	0.03	13.63	13.55
11000	18.39	-0.04	12.19	12.01
11500	22.24	-0.18	11.07	10.90
12000	19.55	-0.18	10.45	10.35
12500	13.07	-0.02	10.52	10.51
13000	8.75	0.05	11.51	11.42
13500	5.88	0.07	13.35	13.10
14000	4.03	0.07	15.59	15.18
14500	2.74	0.07	17.29	17.13
15000	1.97	0.06	18.60	18.77
15500	1.54	0.05	20.07	20.48
16000	1.33	0.04	21.95	22.75
16500	1.11	0.04	23.55	24.98
17000	0.96	0.04	25.61	28.15
17500	0.79	0.03	28.80	31.58
18000	0.77	0.03	33.21	35.01
18300	0.75	0.03	34.27	34.74
19000	0.73	0.02	29.94	30.53
19500	0.76	0.02	26.92	26.61
20000	0.77	0.02	24.65	24.02
20500	0.69	0.02	22.70	22.44
21000	0.67	0.02	21.51	21.37
21500	0.65	0.02	20.50	20.45
22000	0.65	0.02	19.64	19.59
22500	0.69	0.02	18.86	19.00
23000	0.68	0.02	18.14	18.27
23500	0.71	0.02	17.50	17.61
24000	0.72	0.01	17.02	17.04
24500	0.72	0.01	16.57	16.56
25000	0.74	0.01	16.22	16.26
25500	0.75	0.01	15.75	15.93
26000	0.77	0.01	15.38	15.57
26500	0.80	0.01	15.02	15.30
27000	0.80	0.01	14.72	14.95
27500	0.82	0.01	14.48	14.70
28000	0.86	0.01	14.21	14.51
28500	0.80	0.01	14.02	14.32
29000	0.88	0.01	13.77	14.12
29500	0.80	0.01	13.64	13.98
30000	0.78	0.01	13.66	13.90
30500	0.85	0.01	13.52	13.77
31000	0.80	0.01	13.39	13.51
31500	0.86	0.01	13.27	13.49
32000	0.97	0.01	13.03	13.45
33000	0.78	0.01	13.11	13.56
34000	0.76	0.01	13.08	13.54
35500	0.83	0.01	13.27	13.65
37000	0.67	0.01	14.06	14.48
40000	0.97	0.01	11.73	12.00