

Typical Performance Data

FREQ.  (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
10	0.04	0.05	0.06	47.18	42.11	41.72	46.31	43.48	41.15
50	0.05	0.06	0.07	41.18	39.16	37.75	41.16	39.54	37.80
100	0.06	0.07	0.09	37.78	36.14	35.71	37.71	36.90	35.80
200	0.08	0.10	0.12	34.18	32.18	32.26	33.85	32.88	32.21
500	0.14	0.17	0.20	27.39	26.17	25.85	27.27	26.33	25.68
1000	0.22	0.25	0.29	26.81	27.46	25.98	26.85	27.07	26.06
1500	0.27	0.30	0.35	32.00	29.20	32.18	31.45	30.15	31.69
2000	0.40	0.44	0.49	18.65	18.64	18.98	18.69	18.89	19.07
2250	0.45	0.48	0.55	17.67	18.16	18.05	17.76	18.17	18.16
2800	0.47	0.52	0.59	32.46	36.73	34.97	29.95	29.69	29.12
3800	0.86	0.92	1.04	14.96	16.12	15.94	15.17	15.90	16.40
4000	0.85	0.93	1.08	21.49	22.85	22.46	24.77	27.55	31.76
4800	2.57	3.22	4.36	12.61	8.13	7.56	12.19	9.78	7.49
5000	8.31	9.52	11.24	2.65	1.88	2.19	2.71	2.47	2.27
5800	33.44	34.31	35.40	0.57	0.69	0.79	0.61	0.73	0.84
6000	38.04	38.87	39.88	0.56	0.67	0.78	0.59	0.72	0.83
6500	47.89	48.71	49.63	0.57	0.67	0.77	0.62	0.73	0.84
7000	56.17	56.92	57.79	0.61	0.69	0.79	0.68	0.77	0.88
7500	63.43	64.37	64.94	0.67	0.72	0.83	0.74	0.80	0.91
8000	69.95	70.80	71.69	0.75	0.79	0.89	0.78	0.82	0.93
8300	73.69	74.49	76.43	0.80	0.83	0.93	0.78	0.82	0.93
9000	83.20	86.05	83.43	0.84	0.87	0.97	0.77	0.81	0.92
9500	90.50	90.71	95.99	0.81	0.86	0.95	0.72	0.79	0.89
10000	92.78	93.14	100.89	0.76	0.86	0.98	0.67	0.78	0.88
10500	91.14	98.55	92.39	0.61	0.78	0.86	0.63	0.78	0.89
11000	106.23	92.97	92.60	0.50	0.67	0.76	0.62	0.80	0.92
11500	89.22	95.19	90.09	0.48	0.67	0.79	0.64	0.84	0.98
12000	90.13	92.10	89.50	0.55	0.74	0.89	0.71	0.91	1.06
12500	91.15	84.42	90.91	0.70	0.89	1.03	0.81	0.98	1.13
13000	85.15	88.22	88.95	0.91	1.05	1.19	0.92	1.05	1.19
13500	83.86	85.07	82.45	1.09	1.19	1.31	1.00	1.09	1.21
14000	81.09	82.16	78.52	1.23	1.32	1.47	1.08	1.15	1.30
14500	81.04	87.07	91.04	1.27	1.25	1.33	1.14	1.16	1.26
15000	97.09	101.39	90.00	1.15	1.17	1.26	1.07	1.13	1.25
15500	92.16	85.65	87.73	1.05	1.10	1.22	1.06	1.15	1.30
16000	85.80	83.49	89.69	0.98	1.08	1.26	1.05	1.19	1.38
17000	80.80	79.17	77.57	1.30	2.04	2.86	1.26	1.70	2.39
18000	81.56	83.18	84.22	1.26	1.44	1.61	1.50	1.66	1.75
19000	84.16	83.11	85.24	1.14	1.38	1.51	1.15	1.40	1.55
20000	79.95	80.96	78.26	1.22	1.38	1.53	1.31	1.45	1.63
21000	73.99	76.72	80.63	1.40	1.54	1.78	1.46	1.59	1.84
23000	89.93	95.78	81.77	1.97	1.97	2.18	2.06	2.07	2.19
25000	81.75	81.23	78.94	1.16	1.57	1.75	1.18	1.59	1.82
30000	59.18	57.84	55.63	1.67	1.93	2.38	1.44	1.80	2.22
31000	45.48	41.08	38.81	1.72	2.42	2.79	1.73	2.43	2.95
32000	47.24	51.27	54.83	2.00	2.48	2.70	2.15	2.61	2.85
33000	58.86	60.43	61.61	2.25	2.47	2.94	2.26	2.56	2.92
34000	60.08	61.71	61.24	2.21	2.58	2.82	2.18	2.44	2.83
35000	62.67	60.70	61.44	2.72	2.84	3.23	2.68	2.88	3.24
36000	63.37	61.80	62.45	2.60	2.88	3.31	2.55	2.89	3.35
38000	61.06	59.90	59.15	1.96	2.63	3.07	1.96	2.69	3.11
40000	53.01	50.97	48.88	3.73	3.97	4.08	3.79	4.03	4.26
41000	49.46	52.75	59.59	2.74	2.94	3.23	2.75	3.17	3.46
41500	57.83	65.84	64.39	2.26	2.62	2.95	2.40	2.85	3.37
42000	65.30	66.30	68.22	1.97	2.42	2.95	2.40	2.90	3.60
42500	63.17	69.44	69.94	1.76	2.62	2.98	1.77	2.38	3.33
43000	66.70	68.16	68.49	1.82	2.71	3.32	2.27	3.11	3.82
44000	72.25	64.67	66.30	2.85	3.85	4.13	3.00	3.57	3.84
45000	66.06	65.11	65.30	3.75	3.75	4.18	3.44	3.36	3.97
46000	60.74	59.85	58.72	2.84	3.19	3.29	3.23	2.45	3.60



## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+125°C
10	0.50	0.50	0.51
20	0.50	0.50	0.51
30	0.50	0.50	0.51
40	0.50	0.50	0.51
50	0.49	0.50	0.51
100	0.49	0.50	0.50
200	0.49	0.49	0.50
300	0.49	0.49	0.49
400	0.49	0.49	0.49
500	0.49	0.49	0.49
600	0.49	0.49	0.49
700	0.49	0.49	0.49
800	0.49	0.49	0.49
900	0.49	0.49	0.49
1000	0.49	0.49	0.49
1100	0.49	0.49	0.50
1300	0.49	0.50	0.50
1400	0.50	0.50	0.50
1500	0.50	0.50	0.50
1600	0.50	0.50	0.50
1700	0.50	0.50	0.51
1900	0.50	0.50	0.51
2000	0.50	0.51	0.51
2100	0.51	0.51	0.51
2200	0.51	0.51	0.52
2300	0.51	0.52	0.52
2400	0.52	0.52	0.52
2500	0.52	0.53	0.53
2600	0.53	0.53	0.54
2700	0.54	0.54	0.54
2800	0.54	0.54	0.55
3000	0.55	0.55	0.56
3200	0.56	0.56	0.57
3400	0.57	0.57	0.58
3600	0.59	0.59	0.60
3800	0.62	0.62	0.63