

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	0.06	0.08	45.07	42.16	39.94	45.06	41.83	39.65
50	0.05	0.07	0.09	40.70	39.16	37.30	40.66	38.99	37.26
100	0.07	0.09	0.10	36.61	35.88	34.67	36.57	35.70	34.69
200	0.09	0.11	0.14	32.27	31.33	30.37	32.23	31.22	30.42
300	0.11	0.14	0.17	29.62	28.46	27.42	29.51	28.36	27.40
350	0.12	0.15	0.18	28.64	27.52	26.44	28.46	27.35	26.35
400	0.13	0.16	0.20	27.68	26.65	25.62	27.49	26.50	25.52
450	0.14	0.17	0.21	27.02	26.02	25.01	26.70	25.84	24.88
500	0.15	0.19	0.23	26.38	25.48	24.51	26.20	25.34	24.43
550	0.16	0.20	0.24	26.03	25.13	24.19	25.72	24.94	24.06
600	0.17	0.21	0.25	25.72	24.92	23.99	25.49	24.73	23.85
620	0.18	0.21	0.26	25.65	24.87	23.93	25.37	24.64	23.77
630	0.18	0.21	0.26	25.60	24.83	23.90	25.37	24.65	23.78
700	0.19	0.23	0.28	25.71	25.00	23.99	25.43	24.80	23.86
770	0.20	0.24	0.29	26.15	25.46	24.38	25.85	25.29	24.25
790	0.20	0.24	0.29	26.34	25.68	24.55	26.04	25.52	24.43
800	0.20	0.24	0.29	26.43	25.78	24.64	26.12	25.61	24.51
810	0.20	0.24	0.30	26.52	25.91	24.74	26.25	25.74	24.62
850	0.21	0.25	0.30	27.12	26.57	25.32	26.86	26.37	25.17
910	0.21	0.26	0.31	28.31	27.85	26.43	28.07	27.69	26.29
1000	0.22	0.27	0.32	31.35	31.11	29.18	31.17	30.92	29.00
1500	0.31	0.36	0.43	23.24	23.22	23.90	23.04	23.00	23.68
1700	0.38	0.43	0.51	19.88	19.99	20.26	19.90	19.95	20.24
2000	0.44	0.50	0.59	19.35	19.54	19.44	19.34	19.56	19.48
2500	0.49	0.57	0.68	30.60	30.32	31.95	31.06	31.01	33.34
3500	0.92	1.08	1.32	25.78	23.63	22.23	25.57	23.52	22.24
4050	2.48	3.29	4.75	12.00	9.53	7.11	12.95	10.17	7.58
4900	31.98	33.09	34.69	0.52	0.67	0.77	0.62	0.77	0.90
5000	34.82	35.91	37.42	0.49	0.64	0.74	0.59	0.73	0.86
6000	57.53	58.30	59.53	0.47	0.65	0.75	0.54	0.70	0.82
7000	73.73	74.23	75.79	0.55	0.75	0.86	0.55	0.72	0.85
8000	89.26	93.46	91.45	0.71	0.90	0.97	0.65	0.83	0.97
9000	96.84	95.08	99.09	0.69	0.89	0.98	0.73	0.92	1.04
10000	104.05	94.66	93.95	0.60	0.81	0.91	0.67	0.86	0.97
11000	92.09	108.32	91.10	0.47	0.72	0.85	0.56	0.78	0.93
11800	88.54	88.98	87.79	0.50	0.79	0.93	0.57	0.84	1.02
13000	85.49	81.66	79.47	0.82	1.17	1.31	0.88	1.20	1.41
14000	90.42	93.97	90.06	0.95	1.22	1.34	0.98	1.24	1.38
15000	86.56	89.27	90.02	0.91	1.26	1.48	0.95	1.26	1.46
16000	89.61	84.79	84.12	2.80	2.09	1.74	3.38	3.88	2.49
17000	84.20	84.36	85.00	0.79	1.16	1.34	0.94	1.28	1.50
18000	83.07	83.28	83.03	0.87	1.26	1.45	1.01	1.36	1.59
19000	80.35	80.33	79.60	0.94	1.34	1.51	1.12	1.46	1.66
20000	73.93	75.44	69.19	1.12	1.61	2.01	1.24	1.75	2.30
21000	44.03	46.39	51.38	5.79	3.84	2.71	3.61	2.77	2.37
22000	66.29	68.50	71.19	1.20	1.75	1.88	1.30	1.76	1.99
23000	72.51	73.49	73.05	1.24	1.73	1.88	1.44	1.83	2.09
24000	67.09	66.32	68.13	1.13	1.58	1.78	1.45	1.82	2.13
25000	78.06	81.20	85.01	0.90	1.41	1.65	1.22	1.73	1.97
26000	95.38	93.70	82.46	1.09	1.69	1.86	1.18	1.76	1.98
30000	64.30	64.62	65.94	1.08	1.70	2.10	1.61	2.20	2.65
32000	67.23	68.15	66.78	1.48	2.24	2.51	1.91	2.51	2.76
34000	66.00	65.48	63.58	1.51	2.39	2.90	1.67	2.27	2.95
35000	63.06	63.01	63.39	1.60	2.60	3.04	2.12	2.95	3.36
38000	54.57	52.36	48.58	1.28	2.38	3.14	2.09	2.89	3.56
40000	40.00	46.48	53.65	2.32	3.29	3.83	3.01	3.73	4.10
41000	58.17	59.60	62.16	1.58	2.51	2.91	2.52	3.34	3.64
42000	61.58	61.20	61.70	1.33	2.19	3.14	2.49	3.16	4.16
44000	56.06	54.57	52.66	2.49	3.90	4.46	3.22	4.26	4.61
46000	38.88	34.54	28.97	3.21	6.52	9.22	3.87	6.01	8.87

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+125°C
10	0.26	0.29	0.28
50	0.28	0.29	0.29
100	0.29	0.29	0.30
150	0.29	0.29	0.30
200	0.29	0.29	0.30
500	0.29	0.29	0.29
600	0.29	0.29	0.29
800	0.29	0.29	0.30
1000	0.30	0.30	0.30
1100	0.30	0.30	0.30
1200	0.30	0.30	0.31
1300	0.30	0.30	0.31
1400	0.31	0.31	0.31
1500	0.31	0.31	0.31
1600	0.31	0.31	0.32
1700	0.31	0.31	0.32
1800	0.32	0.32	0.32
1900	0.32	0.32	0.33
2000	0.33	0.33	0.33
2100	0.33	0.34	0.34
2200	0.34	0.34	0.35
2300	0.35	0.35	0.36
2400	0.35	0.36	0.36
2500	0.36	0.36	0.37
2600	0.37	0.37	0.38
2700	0.38	0.38	0.39
2800	0.38	0.39	0.40
2900	0.39	0.40	0.41
3000	0.40	0.41	0.42
3050	0.41	0.42	0.43
3100	0.42	0.43	0.44
3150	0.43	0.44	0.45
3200	0.44	0.45	0.46
3300	0.46	0.47	0.49
3400	0.49	0.50	0.52
3500	0.52	0.53	0.55