

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	0.05	0.07	0.08	43.78	41.08	38.89	43.36	41.01	38.71
50	0.07	0.08	0.10	38.57	36.58	34.95	38.59	36.44	34.88
100	0.09	0.11	0.13	35.37	33.97	32.52	35.46	33.81	32.43
200	0.12	0.14	0.17	31.84	31.70	30.70	31.85	31.50	30.58
300	0.15	0.17	0.20	30.33	30.77	30.20	30.42	30.64	30.10
350	0.16	0.18	0.22	30.06	30.58	30.21	30.27	30.46	30.14
400	0.17	0.20	0.23	30.02	30.53	30.29	30.29	30.44	30.21
450	0.18	0.21	0.24	30.12	30.60	30.57	30.38	30.52	30.45
500	0.18	0.22	0.26	30.26	30.70	30.88	30.37	30.52	30.64
550	0.19	0.23	0.27	30.32	30.87	31.30	30.48	30.63	30.97
600	0.20	0.24	0.28	30.47	31.02	31.78	30.45	30.56	31.21
620	0.21	0.24	0.29	30.40	31.01	31.88	30.46	30.55	31.33
630	0.21	0.25	0.29	30.43	31.03	31.98	30.43	30.54	31.37
700	0.22	0.26	0.31	30.34	30.90	32.45	30.19	30.29	31.60
770	0.23	0.28	0.32	30.00	30.37	32.35	29.86	29.92	31.65
790	0.24	0.28	0.33	29.90	30.20	32.27	29.74	29.80	31.59
800	0.24	0.28	0.33	29.86	30.11	32.21	29.71	29.74	31.58
810	0.24	0.28	0.33	29.83	30.01	32.14	29.64	29.63	31.51
850	0.25	0.29	0.34	29.45	29.52	31.60	29.32	29.25	31.23
910	0.26	0.31	0.36	28.94	28.83	30.85	29.04	28.85	30.89
1000	0.28	0.33	0.38	28.27	28.03	29.83	28.56	28.22	30.26
1500	0.37	0.43	0.51	33.07	33.89	33.70	43.42	47.10	55.16
1700	0.42	0.49	0.58	27.02	26.18	25.72	27.44	26.78	26.36
2000	0.59	0.68	0.77	16.83	16.55	16.93	16.92	16.64	17.02
2500	0.91	0.99	1.09	13.17	13.76	14.64	13.35	13.78	14.66
3000	1.14	1.32	1.55	15.71	15.04	14.76	15.59	14.79	14.54
3450	2.41	3.06	4.18	13.06	10.68	8.28	17.33	12.87	9.56
4200	31.25	32.17	33.56	0.61	0.76	0.87	0.71	0.79	0.91
5000	53.24	54.10	55.24	0.41	0.59	0.66	0.48	0.62	0.73
6300	81.16	81.40	84.48	0.49	0.69	0.78	0.60	0.72	0.83
7000	103.26	97.07	118.26	0.54	0.75	0.84	0.67	0.75	0.86
8000	97.40	89.52	101.27	0.65	0.85	0.95	0.81	0.83	0.95
9000	95.89	94.54	91.38	0.67	0.89	0.97	0.86	0.88	0.99
10000	90.45	90.53	93.69	0.59	0.83	0.91	0.70	0.84	0.93
11000	87.73	92.87	86.93	0.48	0.77	0.87	0.56	0.80	0.93
11500	94.33	90.61	90.92	0.50	0.81	0.94	0.58	0.84	0.99
13000	79.74	86.02	90.85	0.85	1.15	1.24	1.10	1.22	1.34
14000	86.72	85.32	85.32	0.94	1.25	1.33	1.25	1.29	1.41
15000	84.95	83.07	86.10	0.81	1.17	1.29	1.08	1.17	1.32
16000	85.85	86.16	87.01	0.73	1.14	1.31	0.88	1.10	1.28
17000	77.87	75.79	77.30	0.80	1.23	1.40	0.90	1.26	1.45
18000	79.66	79.44	79.70	0.99	1.42	1.62	1.12	1.52	1.72
19000	77.21	76.92	77.58	1.22	1.81	2.17	1.61	1.94	2.37
20000	84.41	79.33	74.57	7.09	8.26	5.11	8.50	8.04	5.03
21000	71.24	71.26	71.23	1.42	1.89	2.03	1.87	1.96	2.11
22000	69.91	68.68	67.45	1.15	1.71	1.89	1.57	1.81	2.01
23000	60.95	58.20	55.37	1.28	1.70	1.90	1.47	1.80	2.01
24000	57.84	59.19	60.05	1.11	1.63	1.84	1.28	1.73	1.99
25000	56.81	61.61	67.75	0.93	1.72	1.79	1.32	1.84	2.06
26000	84.99	81.20	68.69	1.32	2.05	2.26	1.82	2.19	2.48
30000	60.83	60.44	59.81	1.21	2.11	2.45	1.49	2.23	2.67
32000	50.52	48.35	46.78	1.46	2.28	2.52	2.30	2.60	2.88
34000	50.00	53.51	57.75	1.76	2.73	3.19	2.35	2.72	3.07
35000	62.22	62.87	64.84	2.03	2.92	3.20	2.19	2.82	3.12
38000	40.86	40.83	43.58	9.95	8.42	5.86	11.68	9.20	6.29
40000	50.79	50.15	49.66	2.37	3.82	4.34	3.10	3.75	4.30
41000	46.70	44.53	44.16	3.71	7.09	9.70	3.28	5.30	8.85
42000	43.53	47.30	50.90	5.71	4.70	4.23	9.80	6.82	5.45
44000	58.08	59.18	59.52	1.66	3.10	3.21	3.17	4.07	4.26
50000	58.18	59.48	62.72	0.57	2.34	1.82	2.05	3.00	3.06

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+125°C
10	0.31	0.34	0.33
50	0.32	0.34	0.33
100	0.33	0.33	0.34
150	0.33	0.33	0.33
200	0.33	0.33	0.33
500	0.33	0.33	0.33
600	0.33	0.33	0.34
800	0.33	0.34	0.34
1000	0.34	0.34	0.34
1100	0.34	0.34	0.35
1200	0.34	0.35	0.35
1300	0.35	0.35	0.36
1400	0.35	0.36	0.36
1500	0.36	0.36	0.37
1600	0.37	0.37	0.37
1700	0.37	0.38	0.38
1800	0.38	0.38	0.39
1900	0.39	0.39	0.39
2000	0.39	0.40	0.40
2050	0.40	0.40	0.40
2100	0.40	0.40	0.41
2150	0.40	0.40	0.41
2200	0.40	0.41	0.41
2250	0.41	0.41	0.42
2300	0.41	0.42	0.42
2350	0.42	0.42	0.43
2400	0.42	0.43	0.44
2450	0.43	0.44	0.45
2500	0.44	0.45	0.46
2550	0.45	0.46	0.47
2600	0.47	0.48	0.49
2650	0.48	0.49	0.50
2700	0.50	0.51	0.52
2800	0.53	0.54	0.55
2900	0.56	0.56	0.58
3000	0.58	0.59	0.61