

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	0.09	0.11	0.14	39.50	37.37	35.27	39.13	36.99	35.02
50	0.12	0.14	0.17	31.87	30.75	29.81	31.94	30.83	29.89
100	0.15	0.18	0.21	28.21	27.48	26.87	28.22	27.51	26.95
200	0.21	0.24	0.28	23.75	23.86	23.84	23.74	23.91	23.95
500	0.36	0.41	0.46	19.05	19.19	19.59	19.06	19.23	19.63
1000	0.55	0.63	0.72	21.49	21.65	21.82	21.96	21.99	22.41
1500	0.89	1.01	1.16	20.06	20.22	20.85	20.06	20.12	20.89
1800	1.32	1.52	1.81	32.92	31.86	30.09	39.15	38.48	35.52
1980	3.56	4.27	5.33	8.26	7.44	6.51	8.43	7.59	6.66
2000	4.34	5.19	6.40	6.06	5.51	4.89	6.18	5.60	5.01
2400	29.89	30.72	31.81	0.85	0.95	1.03	0.88	0.95	1.09
2600	40.24	40.97	41.97	0.70	0.79	0.86	0.73	0.80	0.91
2800	49.20	49.90	50.84	0.61	0.69	0.76	0.64	0.70	0.80
3000	57.17	57.87	58.85	0.53	0.61	0.68	0.56	0.62	0.72
3400	70.81	72.10	72.20	0.41	0.50	0.56	0.43	0.50	0.60
3600	77.58	79.86	80.10	0.36	0.45	0.53	0.38	0.46	0.56
4000	90.48	90.02	92.25	0.32	0.42	0.50	0.34	0.42	0.52
4500	98.73	96.41	97.01	0.33	0.43	0.52	0.34	0.43	0.53
5000	94.38	96.65	98.54	0.39	0.50	0.57	0.38	0.48	0.58
5500	96.15	96.61	113.07	0.47	0.58	0.64	0.46	0.55	0.65
5800	94.94	96.07	98.64	0.51	0.63	0.67	0.51	0.60	0.70
6000	102.73	95.24	98.98	0.54	0.66	0.70	0.55	0.64	0.73
6200	88.13	92.57	95.61	0.57	0.69	0.72	0.58	0.67	0.77
6400	93.58	100.68	99.76	0.58	0.71	0.73	0.62	0.70	0.80
6600	95.68	99.10	97.17	0.59	0.72	0.73	0.65	0.73	0.83
6800	92.28	94.52	100.55	0.62	0.75	0.75	0.68	0.75	0.86
7000	101.84	93.01	97.31	0.64	0.78	0.78	0.71	0.77	0.88
7400	101.12	92.69	100.88	0.68	0.82	0.81	0.75	0.81	0.92
7800	99.24	96.22	105.69	0.72	0.86	0.85	0.77	0.83	0.93
8000	92.57	96.52	103.56	0.74	0.88	0.87	0.77	0.83	0.93
8500	93.41	114.29	87.86	0.76	0.89	0.91	0.74	0.82	0.92
8600	90.83	105.54	91.37	0.75	0.89	0.91	0.73	0.80	0.91
8800	91.98	95.46	92.60	0.74	0.88	0.90	0.71	0.79	0.90
9000	87.77	90.73	95.76	0.73	0.87	0.90	0.70	0.79	0.90
9400	87.24	85.53	82.77	0.67	0.82	0.88	0.65	0.77	0.87
9600	85.42	87.70	91.38	0.64	0.79	0.86	0.62	0.75	0.86
10000	89.44	91.40	95.62	0.58	0.75	0.84	0.60	0.75	0.88
11000	75.06	71.79	69.74	0.70	1.00	1.30	0.77	1.04	1.33
14000	88.27	86.27	90.81	1.18	1.40	1.30	1.11	1.19	1.28
16000	76.42	76.60	77.26	0.91	1.17	1.31	1.04	1.26	1.46
18000	65.25	65.68	66.78	1.15	1.44	1.54	1.02	1.29	1.48
20000	45.03	41.72	39.82	2.11	3.02	2.99	1.71	2.09	2.71
21000	51.62	53.38	55.02	1.49	1.85	1.75	1.59	1.74	1.92
22000	64.84	69.13	74.31	1.60	1.95	2.06	1.56	1.83	2.09
23000	78.86	78.11	78.90	1.63	1.96	2.28	1.62	1.96	2.33
24000	77.73	76.25	81.22	1.50	1.98	2.31	1.58	2.06	2.46
25000	76.23	74.55	70.47	2.62	3.84	4.88	2.63	3.61	4.93
26000	56.14	57.21	58.83	6.32	4.95	3.54	6.23	4.59	3.61
27000	58.91	58.58	57.95	2.56	2.87	2.66	2.47	2.52	2.72
29000	53.90	56.42	59.75	1.59	2.10	2.41	1.73	2.17	2.54
30000	65.83	67.83	68.24	1.64	2.20	2.61	1.79	2.38	2.81
33000	73.49	71.87	72.06	2.12	2.74	2.71	2.05	2.32	2.71
35000	49.68	48.34	49.65	6.78	6.97	5.75	5.85	7.32	6.07
39000	59.34	59.05	59.88	3.14	3.71	3.30	3.07	3.10	3.42
40000	62.33	63.64	62.88	2.41	3.04	2.98	2.26	2.70	2.82
41000	63.18	65.32	67.69	1.89	2.49	2.94	1.90	2.44	2.84
43000	35.34	35.31	35.35	2.74	3.82	4.11	3.13	4.19	4.84
45000	27.85	26.07	23.07	4.67	6.34	9.92	4.29	5.17	8.54
47000	29.71	33.10	36.83	4.51	4.96	4.16	4.44	4.37	4.08
50000	27.85	26.12	28.61	3.81	4.70	4.03	3.81	5.06	4.47

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+125°C
10	0.81	0.82	0.83
20	0.81	0.82	0.82
30	0.81	0.81	0.82
40	0.81	0.81	0.82
50	0.81	0.81	0.82
100	0.80	0.81	0.82
200	0.79	0.80	0.81
220	0.79	0.80	0.81
240	0.79	0.80	0.81
260	0.79	0.80	0.81
280	0.79	0.80	0.81
300	0.79	0.80	0.81
320	0.79	0.80	0.81
340	0.80	0.80	0.81
360	0.80	0.80	0.81
380	0.80	0.80	0.81
400	0.80	0.80	0.81
440	0.80	0.80	0.81
460	0.80	0.80	0.81
480	0.80	0.81	0.81
500	0.80	0.81	0.81
540	0.81	0.81	0.82
580	0.81	0.81	0.82
600	0.81	0.81	0.82
700	0.82	0.82	0.83
800	0.83	0.84	0.84
900	0.85	0.85	0.86
1000	0.87	0.88	0.88
1100	0.90	0.90	0.91
1200	0.93	0.93	0.94
1300	0.96	0.96	0.98
1400	1.00	1.01	1.02
1500	1.05	1.06	1.08
1600	1.14	1.16	1.18
1700	1.26	1.28	1.32
1800	1.45	1.48	1.50