

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	0.06	0.06	0.09	42.54	40.05	38.09	42.44	40.16	38.11
50	0.08	0.09	0.11	36.78	35.30	33.89	36.69	35.35	33.93
100	0.10	0.12	0.14	34.08	32.82	31.66	33.83	32.81	31.68
200	0.14	0.16	0.19	30.41	30.41	29.82	30.25	30.32	29.82
500	0.22	0.25	0.29	27.59	28.15	28.92	27.46	27.93	28.66
1000	0.36	0.40	0.46	21.59	21.37	22.07	21.52	21.32	21.98
1500	0.51	0.56	0.65	19.79	19.85	20.14	19.60	19.82	20.10
1800	0.55	0.60	0.71	28.09	29.60	29.42	28.18	30.01	30.06
1950	0.59	0.66	0.77	35.46	32.41	33.14	33.84	32.05	32.90
2000	0.61	0.68	0.80	28.90	27.49	28.19	28.08	27.21	27.89
2400	0.86	0.94	1.09	19.05	19.72	20.75	18.74	19.52	20.46
2600	0.94	1.05	1.25	29.46	33.49	36.28	27.10	27.66	27.44
2850	1.33	1.47	1.74	17.16	17.07	17.93	16.59	16.61	17.37
3000	1.62	1.84	2.28	20.19	22.08	23.33	19.13	20.97	21.54
3100	2.22	2.70	3.66	16.77	13.73	10.59	15.99	13.33	10.29
3800	30.90	31.71	33.08	0.75	0.81	0.92	0.71	0.81	0.92
4000	37.69	38.45	39.75	0.61	0.68	0.79	0.59	0.69	0.80
4500	52.03	52.76	53.96	0.45	0.54	0.65	0.44	0.55	0.66
5000	64.17	64.75	66.06	0.43	0.54	0.64	0.41	0.53	0.64
5500	75.90	75.49	76.96	0.49	0.59	0.69	0.45	0.57	0.68
5800	82.66	82.24	84.61	0.53	0.62	0.72	0.48	0.61	0.72
6000	86.26	87.20	88.48	0.56	0.64	0.74	0.51	0.64	0.75
6200	92.08	88.36	90.83	0.59	0.66	0.76	0.55	0.68	0.79
6400	94.09	93.99	97.86	0.61	0.68	0.78	0.59	0.72	0.83
6600	93.41	108.28	95.12	0.63	0.69	0.79	0.64	0.78	0.88
6800	96.96	98.70	96.93	0.66	0.71	0.81	0.69	0.83	0.92
7000	91.66	89.44	89.65	0.69	0.72	0.83	0.73	0.87	0.94
7400	91.25	86.75	94.58	0.75	0.76	0.87	0.79	0.90	0.98
7800	100.47	93.37	92.88	0.82	0.82	0.94	0.82	0.93	1.01
8000	94.22	90.69	88.47	0.86	0.85	1.00	0.83	0.93	1.02
8400	92.67	90.01	87.43	0.91	0.91	1.02	0.81	0.92	1.01
8600	92.85	89.54	91.24	0.93	0.91	1.01	0.80	0.91	1.00
8800	93.52	90.31	83.95	0.92	0.91	0.99	0.78	0.89	0.98
9000	92.70	93.95	87.36	0.89	0.90	0.97	0.75	0.87	0.96
9400	100.34	89.21	91.65	0.83	0.86	0.94	0.69	0.82	0.92
9600	89.71	88.74	88.44	0.77	0.84	0.91	0.65	0.79	0.89
10000	91.73	91.17	85.86	0.68	0.78	0.87	0.59	0.75	0.86
11500	91.71	85.86	87.18	0.55	0.73	0.87	0.58	0.78	0.94
13000	87.09	88.31	89.14	1.10	1.13	1.27	1.00	1.18	1.30
16000	68.05	69.10	71.49	1.05	1.27	1.72	1.23	1.41	1.51
18000	84.22	82.60	83.18	1.34	1.73	2.22	1.05	1.40	1.71
20000	76.58	76.53	76.76	1.54	1.51	1.70	1.75	1.99	2.11
21000	77.60	74.09	74.92	1.57	1.55	1.81	1.58	1.89	2.05
22000	70.85	73.50	79.58	1.64	1.71	1.96	1.43	1.72	1.92
23000	84.32	82.76	79.04	1.59	1.77	2.02	1.34	1.62	1.88
24000	75.44	73.61	71.42	1.39	1.73	1.98	1.29	1.66	1.98
25000	62.67	60.95	56.85	1.42	1.86	2.26	1.56	2.17	2.71
26000	41.03	42.74	47.70	4.10	4.36	3.51	4.13	3.51	2.97
27000	56.21	57.49	59.96	2.51	2.35	2.64	2.29	2.58	2.80
29000	59.39	57.86	57.28	1.82	2.07	2.38	1.60	2.04	2.40
30000	63.05	64.50	69.28	1.56	2.04	2.45	1.46	1.96	2.40
33000	75.48	72.45	73.97	2.81	2.76	3.24	2.61	3.15	3.52
35000	63.59	60.67	56.00	3.28	4.04	5.62	2.81	3.42	4.53
39000	35.51	35.90	37.76	13.88	14.78	10.57	8.10	12.01	27.80
40000	38.77	41.42	44.81	6.88	5.65	5.12	12.30	9.12	6.66
41000	48.98	49.58	49.76	3.36	3.56	3.55	3.04	3.38	3.55
43000	42.59	40.09	37.15	1.84	2.61	3.32	1.97	2.79	3.55
45000	33.18	36.06	39.48	4.72	4.26	4.67	4.03	4.38	5.01
47000	66.45	71.10	75.49	2.81	3.05	3.05	2.32	2.96	3.38
50000	75.11	75.74	84.25	2.07	2.76	2.90	2.21	3.08	3.00



Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+125°C
10	0.62	0.62	0.63
20	0.61	0.62	0.63
30	0.61	0.62	0.63
40	0.61	0.62	0.63
50	0.61	0.62	0.62
100	0.61	0.61	0.62
200	0.60	0.60	0.61
220	0.60	0.60	0.61
240	0.60	0.60	0.61
260	0.60	0.60	0.61
280	0.60	0.60	0.61
300	0.60	0.60	0.61
400	0.60	0.60	0.61
500	0.60	0.60	0.61
600	0.60	0.60	0.61
700	0.60	0.61	0.61
800	0.61	0.61	0.61
900	0.61	0.61	0.62
1000	0.61	0.61	0.62
1100	0.62	0.62	0.62
1200	0.62	0.62	0.63
1300	0.62	0.63	0.63
1400	0.63	0.63	0.64
1500	0.64	0.64	0.65
1600	0.65	0.65	0.66
1700	0.66	0.66	0.67
1800	0.67	0.67	0.68
1900	0.68	0.68	0.69
2000	0.69	0.70	0.71
2100	0.71	0.71	0.72
2200	0.72	0.72	0.74
2300	0.74	0.74	0.76
2400	0.76	0.77	0.78
2600	0.83	0.84	0.86
2800	0.93	0.95	0.98
2850	0.97	0.99	1.03