

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	0.07	0.09	0.11	41.87	39.53	37.29	41.40	38.93	36.90
50	0.10	0.12	0.14	35.71	34.05	32.76	35.78	34.07	32.79
100	0.12	0.14	0.17	33.20	31.83	30.80	33.21	31.85	30.85
200	0.16	0.19	0.22	29.77	29.53	29.11	29.64	29.47	29.11
500	0.26	0.31	0.35	25.47	25.91	26.66	25.49	25.88	26.54
1000	0.44	0.51	0.58	18.90	18.87	19.15	19.00	19.02	19.36
1500	0.57	0.66	0.76	32.60	31.09	30.67	34.87	33.25	32.85
2000	0.93	1.05	1.20	18.82	19.63	20.67	18.76	19.62	20.82
2250	1.18	1.37	1.61	24.70	24.39	24.92	24.77	24.57	25.34
2530	4.07	4.99	6.26	6.69	5.88	5.07	6.76	5.95	5.16
3100	33.78	34.66	35.76	0.70	0.79	0.87	0.69	0.78	0.90
4000	65.12	66.09	67.28	0.39	0.49	0.58	0.40	0.49	0.59
4800	104.16	98.20	98.08	0.38	0.49	0.59	0.40	0.50	0.59
5000	92.49	109.19	92.28	0.40	0.51	0.60	0.42	0.52	0.61
5500	99.64	95.04	93.22	0.47	0.58	0.66	0.46	0.57	0.67
6000	98.72	97.05	93.55	0.52	0.63	0.70	0.51	0.63	0.73
6500	94.43	101.55	90.26	0.55	0.67	0.73	0.56	0.69	0.79
7000	85.93	94.80	96.23	0.60	0.72	0.77	0.61	0.74	0.84
7500	87.61	94.62	89.32	0.66	0.77	0.82	0.65	0.78	0.89
8000	93.20	94.46	98.61	0.77	0.86	0.92	0.67	0.80	0.91
8500	92.79	92.98	88.77	0.86	0.96	1.02	0.68	0.81	0.91
9000	94.40	90.32	89.60	0.79	0.93	0.95	0.67	0.80	0.90
9500	86.84	87.60	92.14	0.68	0.83	0.88	0.63	0.77	0.87
10000	91.64	85.22	86.36	0.57	0.74	0.82	0.60	0.75	0.86
10500	89.70	95.71	89.40	0.49	0.67	0.77	0.60	0.77	0.89
11000	97.50	91.74	99.84	0.48	0.67	0.79	0.61	0.80	0.93
11500	89.18	91.15	97.87	0.57	0.77	0.90	0.67	0.86	1.00
12000	88.93	94.27	97.73	0.73	0.93	1.06	0.76	0.96	1.11
12500	94.29	86.72	81.18	0.99	1.22	1.42	0.87	1.11	1.30
13000	85.61	85.60	91.57	1.32	1.38	1.37	1.02	1.18	1.27
13500	86.36	80.77	77.50	1.20	1.36	1.36	0.96	1.17	1.27
14000	82.18	81.43	83.07	1.18	1.36	1.34	0.97	1.20	1.29
14500	82.98	81.96	83.09	1.07	1.27	1.26	0.97	1.21	1.32
15000	83.92	82.58	83.46	0.95	1.16	1.20	0.94	1.21	1.33
15500	84.15	83.87	85.63	0.87	1.10	1.21	0.94	1.21	1.36
16000	85.83	83.25	85.09	0.84	1.09	1.26	0.94	1.22	1.41
17000	82.49	76.41	75.88	0.98	1.26	1.45	1.29	1.52	1.58
18000	76.00	77.23	75.70	1.11	1.39	1.52	1.02	1.30	1.46
19000	76.31	76.75	76.60	1.28	1.55	1.59	1.14	1.43	1.59
20000	79.38	80.12	78.52	1.32	1.63	1.68	1.27	1.60	1.84
21000	71.06	69.05	65.92	1.55	1.98	2.29	1.44	1.85	2.19
23000	65.46	66.08	67.25	1.61	1.92	2.15	1.59	1.84	2.08
25000	69.71	69.25	69.99	1.36	1.80	1.94	1.35	1.83	2.06
30000	47.70	50.44	55.08	6.66	5.54	4.71	19.19	15.30	8.95
31000	61.60	62.25	64.16	2.68	3.07	3.15	3.59	3.74	3.67
32000	64.57	65.84	63.20	2.46	2.82	2.93	2.42	2.82	3.10
33000	61.95	61.45	59.22	2.12	2.61	2.69	1.98	2.56	2.98
34000	54.76	52.26	49.60	2.19	2.78	3.07	2.46	3.11	3.55
35000	44.39	50.27	56.23	2.75	3.06	3.28	3.12	3.30	3.53
36000	64.95	70.69	66.20	2.01	2.60	2.97	2.01	2.46	2.79
37000	69.75	70.60	74.21	1.89	2.53	2.77	1.56	2.21	2.47
38000	69.44	71.32	69.14	2.59	3.02	3.21	2.05	2.70	3.21
38500	72.84	68.71	72.48	2.91	3.24	3.38	2.48	3.10	3.64
39000	73.55	69.30	67.34	2.78	3.22	3.26	2.78	3.35	3.82
39500	69.40	61.84	56.61	2.63	3.24	3.22	2.66	3.27	3.54
40000	57.91	55.66	53.22	2.49	3.09	3.02	2.44	3.09	3.26
40500	52.04	53.41	55.83	2.23	2.84	2.91	2.28	2.83	3.11
41000	55.46	56.64	55.69	1.92	2.53	2.86	2.07	2.58	3.07
42000	54.43	52.85	51.04	1.86	2.61	3.54	1.86	2.48	3.16
43000	48.74	53.15	57.57	2.85	3.58	3.83	2.25	2.99	3.36

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+125°C
10	0.70	0.71	0.71
20	0.70	0.71	0.71
30	0.70	0.71	0.71
40	0.70	0.71	0.71
50	0.70	0.70	0.71
100	0.69	0.70	0.71
200	0.69	0.69	0.70
220	0.69	0.69	0.70
240	0.69	0.69	0.70
260	0.69	0.69	0.70
280	0.69	0.69	0.70
300	0.69	0.69	0.70
320	0.69	0.69	0.70
340	0.69	0.69	0.70
360	0.69	0.69	0.70
380	0.69	0.69	0.70
400	0.69	0.69	0.70
440	0.69	0.69	0.70
460	0.69	0.69	0.70
480	0.69	0.69	0.70
500	0.69	0.70	0.70
540	0.69	0.70	0.70
580	0.69	0.70	0.70
600	0.70	0.70	0.70
700	0.70	0.70	0.71
800	0.71	0.71	0.71
900	0.71	0.71	0.72
1000	0.72	0.72	0.73
1200	0.74	0.74	0.75
1400	0.77	0.78	0.78
1600	0.81	0.82	0.82
1800	0.85	0.86	0.87
2000	0.94	0.95	0.97
2100	1.00	1.02	1.04
2200	1.09	1.12	1.15
2250	1.16	1.19	1.22