

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
0.5	0.21	0.28	0.34	32.21	29.71	28.27	32.23	29.74	28.29
1	0.22	0.29	0.34	32.06	29.62	28.19	32.07	29.63	28.21
10	0.26	0.33	0.38	26.37	25.46	24.82	26.54	25.58	24.93
15	0.30	0.36	0.42	24.78	24.11	23.65	24.97	24.26	23.79
20	0.32	0.39	0.43	24.37	23.86	23.49	24.61	24.05	23.65
25	0.35	0.41	0.46	25.11	24.75	24.39	25.47	25.03	24.72
30	0.40	0.46	0.51	27.03	26.91	26.67	27.74	27.50	27.29
35	0.44	0.51	0.56	30.54	30.73	30.54	32.21	32.43	32.37
40	0.49	0.57	0.63	34.87	34.64	34.07	42.19	42.15	40.97
45	0.56	0.65	0.70	35.61	33.78	32.75	42.46	37.81	36.03
50	0.63	0.73	0.80	35.29	33.27	32.23	37.39	34.90	33.65
55	0.72	0.83	0.90	38.26	36.74	35.92	36.12	35.47	35.00
60	0.83	0.96	1.05	35.65	36.21	36.98	31.45	31.63	32.03
62	0.88	1.02	1.11	33.29	33.38	33.65	29.63	29.60	29.84
64	0.95	1.09	1.19	31.98	31.68	31.57	28.39	28.14	28.23
65	0.98	1.14	1.24	31.86	31.32	31.13	28.05	27.71	27.72
66	1.02	1.18	1.28	32.19	31.36	30.96	27.91	27.47	27.41
68	1.11	1.28	1.40	34.22	32.60	31.63	28.04	27.38	27.20
70	1.21	1.41	1.53	31.97	30.92	29.86	27.05	26.44	26.19
72	1.38	1.60	1.73	24.06	23.90	23.51	22.77	22.52	22.33
74	1.63	1.87	2.04	17.79	17.72	17.53	17.48	17.37	17.24
76	2.05	2.34	2.54	12.92	12.88	12.75	12.85	12.79	12.70
78	2.77	3.12	3.37	9.12	9.09	9.02	9.12	9.09	9.04
80	3.93	4.35	4.64	6.23	6.25	6.22	6.25	6.28	6.26
82	5.59	6.08	6.42	4.21	4.27	4.28	4.23	4.30	4.33
85	8.90	9.44	9.82	2.42	2.53	2.57	2.44	2.56	2.62
90	15.41	15.98	16.41	1.26	1.37	1.43	1.28	1.41	1.47
92	18.13	18.70	19.12	1.06	1.17	1.23	1.08	1.20	1.26
95	22.18	22.75	23.20	0.88	0.98	1.03	0.90	1.01	1.07
97	24.91	25.47	25.90	0.80	0.89	0.95	0.82	0.92	0.98
100	28.97	29.54	29.98	0.70	0.79	0.84	0.73	0.83	0.88
102.5	32.53	33.10	33.55	0.65	0.73	0.77	0.67	0.77	0.82
105	36.07	36.69	37.16	0.60	0.68	0.73	0.63	0.71	0.76
150	62.29	62.69	62.48	0.31	0.35	0.38	0.32	0.38	0.40
200	86.48	90.67	91.29	0.19	0.24	0.27	0.20	0.26	0.28
250	77.85	77.73	77.06	0.13	0.18	0.21	0.15	0.19	0.22
300	72.93	72.98	73.14	0.10	0.15	0.18	0.11	0.16	0.19
400	70.42	71.03	71.14	0.07	0.13	0.16	0.08	0.14	0.17
500	72.82	72.63	72.88	0.05	0.12	0.15	0.06	0.13	0.16
600	74.82	73.81	75.43	0.04	0.11	0.16	0.05	0.13	0.18
700	77.29	78.27	85.02	0.04	0.12	0.17	0.05	0.14	0.18
800	75.27	73.44	73.54	0.04	0.13	0.19	0.05	0.14	0.19
900	46.69	47.29	48.01	0.04	0.15	0.21	0.23	0.32	0.36
1000	57.74	58.10	58.29	0.04	0.15	0.22	0.05	0.17	0.22
1100	51.41	51.52	51.59	0.05	0.17	0.23	0.06	0.19	0.25
1200	47.89	48.65	49.19	0.09	0.20	0.27	0.05	0.19	0.26
1300	58.24	58.45	58.96	0.08	0.21	0.29	0.07	0.20	0.27
1400	62.23	62.17	61.70	0.07	0.21	0.30	0.08	0.22	0.29
1500	63.42	64.22	63.91	0.09	0.23	0.32	0.08	0.23	0.30
1800	63.39	63.10	62.54	0.11	0.27	0.37	0.09	0.25	0.33
2000	61.08	60.89	60.97	0.13	0.30	0.42	0.10	0.27	0.36
2200	58.39	58.30	58.29	0.11	0.30	0.44	0.13	0.30	0.40
2500	55.12	54.81	54.71	0.15	0.34	0.48	0.12	0.30	0.40
2800	51.51	51.56	51.42	0.17	0.37	0.51	0.15	0.35	0.45
3000	49.56	49.39	49.43	0.17	0.37	0.51	0.14	0.35	0.46
3300	46.52	46.46	46.46	0.16	0.39	0.52	0.10	0.31	0.45
3500	44.58	44.50	44.51	0.20	0.39	0.54	0.11	0.34	0.48
3700	42.44	42.38	42.33	0.18	0.41	0.57	0.10	0.35	0.49
3800	41.46	41.28	41.32	0.18	0.43	0.60	0.10	0.36	0.50
4000	39.38	39.11	39.14	0.34	0.74	0.96	0.09	0.36	0.54

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(ns)		
	@-40°C	@+25°C	@+85°C
0.5	8.89	8.94	8.96
1	8.95	8.99	9.02
5	8.97	8.97	8.98
10	8.90	8.94	8.96
11	8.94	8.95	8.93
12	8.95	8.96	8.99
13	8.89	8.91	8.92
14	8.93	8.93	8.96
15	8.94	8.95	9.00
16	8.94	8.98	9.00
17	8.99	9.00	9.00
18	9.02	9.03	9.07
19	9.00	9.04	9.06
20	9.11	9.14	9.16
21	9.13	9.17	9.18
22	9.19	9.20	9.23
23	9.23	9.26	9.28
24	9.26	9.30	9.34
25	9.32	9.36	9.38
26	9.36	9.39	9.41
27	9.41	9.45	9.47
28	9.50	9.54	9.56
29	9.54	9.58	9.61
30	9.60	9.66	9.68
31	9.68	9.73	9.75
32	9.73	9.75	9.81
33	9.80	9.85	9.88
34	9.87	9.93	9.98
35	9.92	9.96	10.01
36	10.01	10.07	10.10
37	10.08	10.12	10.17
38	10.16	10.20	10.23
39	10.25	10.31	10.35
40	10.35	10.41	10.43
41	10.44	10.48	10.51
42	10.54	10.60	10.63
43	10.64	10.67	10.70
44	10.76	10.79	10.82
45	10.85	10.90	10.95
50	11.55	11.60	11.65
55	12.46	12.53	12.59
60	13.75	13.84	13.90
65	15.49	15.57	15.68
70	18.35	18.50	18.63