

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	0.40	0.51	0.60	26.97	24.83	23.47	27.00	24.86	23.49
1	0.40	0.51	0.60	26.89	24.78	23.43	26.92	24.81	23.45
5	0.42	0.53	0.62	25.59	23.93	22.80	25.68	24.01	22.88
6	0.42	0.53	0.62	25.20	23.67	22.60	25.32	23.77	22.71
7	0.43	0.54	0.63	24.85	23.43	22.42	24.98	23.56	22.56
8	0.43	0.54	0.62	24.53	23.21	22.26	24.67	23.35	22.41
9	0.44	0.56	0.65	24.25	23.03	22.13	24.41	23.18	22.30
10	0.44	0.54	0.64	24.03	22.88	22.03	24.20	23.05	22.22
12	0.45	0.56	0.65	23.75	22.72	21.94	23.97	22.94	22.19
14	0.46	0.57	0.66	23.76	22.81	22.06	24.02	23.07	22.38
16	0.47	0.58	0.67	24.05	23.16	22.41	24.37	23.48	22.81
18	0.48	0.59	0.68	24.66	23.80	23.04	25.10	24.21	23.56
20	0.50	0.61	0.70	25.68	24.79	24.01	26.21	25.37	24.69
22	0.52	0.62	0.72	27.15	26.19	25.34	27.98	27.04	26.29
24	0.54	0.65	0.75	29.08	27.98	27.01	30.42	29.32	28.46
26	0.56	0.68	0.77	31.23	29.89	28.79	33.55	32.13	31.13
28	0.60	0.72	0.81	32.60	31.17	30.08	35.98	34.22	33.27
30	0.63	0.75	0.85	32.07	30.82	30.09	34.53	33.25	32.67
32	0.67	0.80	0.90	30.58	29.56	29.07	31.96	30.98	30.63
34	0.71	0.85	0.95	29.40	28.47	28.09	30.30	29.40	29.11
36	0.76	0.90	1.01	29.06	28.12	27.76	29.79	28.84	28.49
38	0.82	0.96	1.08	29.86	28.78	28.39	30.62	29.52	29.08
40	0.87	1.03	1.14	32.50	31.07	30.56	33.75	32.17	31.51
42	0.94	1.10	1.23	38.56	36.54	35.73	44.69	40.69	38.90
44	1.02	1.19	1.32	34.72	35.99	36.82	35.55	38.12	39.96
46	1.12	1.30	1.45	27.62	28.24	28.66	27.63	28.40	28.95
48	1.25	1.44	1.60	23.60	23.88	24.11	23.57	23.95	24.24
50	1.40	1.62	1.79	21.57	21.66	21.77	21.60	21.77	21.95
52	1.61	1.85	2.06	21.48	21.33	21.27	21.76	21.72	21.74
54	1.89	2.19	2.42	23.03	22.18	21.57	24.62	23.72	23.15
56	2.42	2.78	3.07	17.40	16.90	16.49	18.48	17.99	17.58
58	3.61	4.07	4.43	9.88	9.87	9.83	10.24	10.25	10.25
60	6.05	6.58	6.98	5.29	5.44	5.54	5.46	5.63	5.75
62	9.80	10.34	10.74	2.96	3.14	3.28	3.05	3.25	3.40
64	14.20	14.73	15.12	1.91	2.08	2.20	1.97	2.14	2.28
66	18.85	19.36	19.75	1.41	1.56	1.67	1.46	1.61	1.72
68	23.59	24.09	24.47	1.15	1.27	1.37	1.18	1.31	1.41
70	28.46	28.96	29.34	0.99	1.10	1.18	1.01	1.12	1.21
71	30.94	31.47	31.84	0.93	1.03	1.10	0.95	1.06	1.14
72	33.52	34.04	34.42	0.88	0.98	1.05	0.90	1.00	1.08
74	38.96	39.54	39.91	0.80	0.89	0.96	0.82	0.91	0.98
75	41.98	42.54	42.90	0.77	0.85	0.92	0.78	0.88	0.94
76	45.25	45.79	46.19	0.74	0.82	0.88	0.75	0.84	0.90
78	53.03	53.46	53.85	0.69	0.76	0.82	0.70	0.78	0.84
80	61.39	61.10	60.32	0.65	0.72	0.77	0.66	0.73	0.78
100	62.48	62.42	62.00	0.42	0.47	0.50	0.42	0.47	0.51
150	57.65	57.50	57.26	0.22	0.26	0.28	0.22	0.25	0.28
200	66.79	66.94	66.87	0.15	0.19	0.21	0.15	0.19	0.21
250	81.06	82.70	85.38	0.10	0.14	0.17	0.11	0.15	0.17
300	78.18	77.53	81.34	0.09	0.13	0.15	0.09	0.13	0.15
400	75.15	73.10	74.99	0.06	0.10	0.13	0.07	0.11	0.13
500	77.94	78.90	80.67	0.05	0.11	0.13	0.06	0.10	0.13
1000	66.66	66.83	66.98	0.06	0.15	0.20	0.06	0.15	0.20
1500	68.63	68.17	68.88	0.11	0.21	0.28	0.09	0.20	0.27
2000	61.11	61.27	60.57	0.16	0.29	0.37	0.11	0.25	0.33
2250	57.72	57.71	57.14	0.17	0.32	0.41	0.13	0.28	0.36
2500	54.57	54.32	54.25	0.17	0.33	0.44	0.15	0.29	0.38
2700	52.03	52.00	51.95	0.19	0.35	0.47	0.15	0.30	0.38
2800	50.84	51.03	50.67	0.19	0.36	0.47	0.15	0.30	0.39
3000	48.58	48.79	48.53	0.19	0.38	0.51	0.17	0.31	0.41

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(ns)		
	@-40°C	@+25°C	@+85°C
0.5	11.46	11.43	11.49
1	11.45	11.44	11.48
2	11.46	11.44	11.48
3	11.47	11.45	11.49
4	11.49	11.47	11.49
5	11.49	11.48	11.49
6	11.51	11.49	11.51
7	11.53	11.52	11.54
8	11.55	11.53	11.55
9	11.54	11.55	11.54
10	11.59	11.60	11.59
11	11.63	11.63	11.63
12	11.66	11.66	11.63
13	11.70	11.72	11.71
14	11.77	11.78	11.78
15	11.82	11.84	11.84
16	11.91	11.92	11.93
17	11.99	12.00	12.02
18	12.08	12.10	12.10
19	12.16	12.19	12.20
20	12.28	12.30	12.32
21	12.39	12.41	12.42
22	12.50	12.52	12.53
23	12.64	12.67	12.67
24	12.81	12.83	12.85
25	12.95	12.97	12.99
26	13.10	13.13	13.15
27	13.25	13.28	13.30
28	13.42	13.45	13.47
29	13.60	13.63	13.65
30	13.80	13.83	13.85
31	14.02	14.05	14.07
32	14.22	14.26	14.27
33	14.47	14.49	14.52
34	14.74	14.77	14.79
35	15.00	15.04	15.07
36	15.32	15.35	15.39
37	15.65	15.69	15.71
38	16.00	16.05	16.08
39	16.39	16.43	16.46
40	16.81	16.85	16.89