

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(MHz)	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
10.0	85.47	85.49	84.80	0.13	0.15	0.17	0.03	0.03	0.03
14.0	76.84	76.79	76.61	0.24	0.29	0.33	0.03	0.03	0.03
16.0	73.79	73.71	73.79	0.32	0.37	0.43	0.03	0.03	0.03
18.0	70.99	71.28	71.19	0.40	0.46	0.53	0.03	0.03	0.04
20.0	69.14	69.15	69.03	0.48	0.56	0.63	0.03	0.04	0.04
22.0	67.49	67.45	67.44	0.56	0.65	0.73	0.03	0.04	0.04
24.0	66.18	66.16	66.17	0.63	0.73	0.82	0.04	0.04	0.04
28.0	64.81	64.80	64.94	0.75	0.86	0.96	0.04	0.04	0.05
30.0	64.87	64.90	64.95	0.79	0.90	1.00	0.04	0.05	0.05
32.0	65.57	65.51	65.53	0.82	0.93	1.03	0.04	0.05	0.06
34.0	67.00	67.05	67.21	0.84	0.95	1.04	0.04	0.05	0.06
36.0	70.33	70.51	70.54	0.85	0.96	1.05	0.05	0.06	0.07
38.0	78.79	78.43	79.01	0.86	0.97	1.06	0.05	0.06	0.07
40.0	76.69	76.43	75.73	0.87	0.98	1.08	0.06	0.07	0.08
42.0	66.83	66.66	66.36	0.88	1.00	1.10	0.07	0.08	0.09
44.0	61.71	61.63	61.60	0.91	1.04	1.14	0.08	0.09	0.11
50.0	54.87	54.81	54.76	1.13	1.30	1.45	0.13	0.15	0.17
55.0	59.11	59.10	59.23	1.63	1.88	2.11	0.21	0.23	0.26
60.0	65.30	65.16	65.00	2.58	2.92	3.24	0.37	0.40	0.44
64.0	28.94	29.12	28.88	3.29	3.63	3.94	0.71	0.76	0.84
70.0	3.46	3.68	3.85	11.05	11.47	12.26	10.47	10.73	11.39
74.0	1.85	2.04	2.22	28.54	28.44	29.19	29.47	29.35	29.84
76.0	1.69	1.87	2.04	26.21	25.47	25.07	24.28	23.74	23.49
78.0	1.61	1.78	1.94	22.36	21.74	21.24	21.06	20.58	20.26
80.0	1.55	1.71	1.87	20.37	19.89	19.45	19.90	19.49	19.19
85.0	1.43	1.59	1.74	21.69	21.40	21.02	24.64	24.38	24.06
90.0	1.39	1.55	1.70	33.76	34.41	34.41	31.12	30.38	29.88
95.0	1.46	1.63	1.79	31.69	29.91	28.12	24.06	23.28	22.79
98.0	1.53	1.72	1.89	28.80	27.18	25.30	27.24	26.05	25.15
106.0	2.03	2.30	2.54	21.35	21.20	20.98	22.17	22.32	22.63
111.0	3.05	3.50	3.94	30.45	29.93	29.02	30.93	31.06	31.94
116.5	20.90	22.49	24.13	3.24	3.45	3.60	4.95	5.43	5.82
118.0	34.16	35.91	37.78	2.12	2.30	2.45	3.79	4.19	4.53
200.0	50.66	50.79	50.86	0.23	0.29	0.33	0.45	0.52	0.57
500.0	79.55	80.66	80.07	0.01	0.09	0.13	0.38	0.48	0.55
600.0	82.61	82.81	83.12	0.01	0.08	0.12	0.36	0.48	0.54
700.0	79.14	80.71	81.78	0.01	0.08	0.14	0.35	0.48	0.55
800.0	77.38	77.51	77.21	0.03	0.08	0.14	0.36	0.49	0.56
900.0	99.90	97.25	97.67	0.05	0.07	0.14	0.37	0.50	0.57
1000.0	88.69	89.00	88.07	0.05	0.07	0.14	0.39	0.53	0.59
1100.0	84.33	84.92	84.30	0.06	0.08	0.15	0.44	0.56	0.63
1150.0	83.51	83.62	83.22	0.06	0.07	0.15	0.46	0.58	0.65
1200.0	81.79	82.04	82.39	0.06	0.08	0.15	0.48	0.60	0.67
1250.0	79.57	80.83	79.31	0.07	0.07	0.15	0.51	0.63	0.70
1300.0	78.41	79.25	79.16	0.07	0.07	0.14	0.54	0.66	0.73
1350.0	77.66	78.62	78.76	0.07	0.08	0.15	0.57	0.69	0.77
1400.0	76.92	78.23	77.49	0.08	0.07	0.14	0.61	0.73	0.82
1450.0	76.15	76.24	75.35	0.08	0.07	0.14	0.66	0.78	0.87
1500.0	71.42	72.81	71.58	0.08	0.07	0.15	0.71	0.84	0.94
1550.0	71.07	71.08	70.97	0.08	0.06	0.14	0.76	0.91	1.02
1600.0	69.42	70.09	69.86	0.09	0.06	0.14	0.83	0.99	1.12
1650.0	70.80	72.07	71.69	0.09	0.06	0.13	0.90	1.08	1.22
1700.0	69.30	70.68	70.65	0.09	0.05	0.13	0.95	1.16	1.32
1750.0	68.05	68.62	68.27	0.09	0.06	0.13	1.00	1.24	1.42
1800.0	66.05	66.49	66.45	0.10	0.05	0.13	1.04	1.31	1.52
1825.0	66.22	66.57	66.48	0.09	0.06	0.13	1.06	1.35	1.57
1850.0	65.45	65.91	66.12	0.10	0.05	0.13	1.07	1.38	1.61
1900.0	65.65	65.99	66.40	0.10	0.05	0.13	1.10	1.44	1.68
1950.0	65.76	65.66	66.16	0.10	0.05	0.18	1.11	1.48	1.74
2000.0	66.97	66.90	67.53	0.10	0.05	0.12	1.13	1.50	1.78

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-40°C	@+25°C	@+85°C
74	52.18	52.10	51.62
75	47.18	47.13	46.78
76	43.40	43.36	43.09
78	38.08	38.05	37.87
79	36.14	36.11	35.96
80	34.54	34.51	34.38
81	33.21	33.19	33.08
82	32.11	32.10	32.02
83	31.21	31.21	31.14
84	30.45	30.47	30.42
85	29.83	29.86	29.83
86	29.33	29.36	29.35
87	28.91	28.95	28.95
88	28.56	28.61	28.63
89	28.29	28.35	28.37
90	28.09	28.15	28.19
91	27.96	28.03	28.07
92	27.91	27.98	28.03
93	27.92	28.00	28.05
94	28.02	28.10	28.16
95	28.22	28.30	28.37
96	28.49	28.58	28.66
97	28.91	29.01	29.10
98	29.46	29.57	29.68
99	30.14	30.27	30.39
100	30.54	30.67	30.80
101	31.44	31.60	31.76
102	32.52	32.71	32.90
104	35.35	35.61	35.89
105	37.25	37.55	37.90
106	39.63	39.99	40.42