

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
1.00	0.09	0.10	0.11	33.76	33.54	33.40	33.69	33.44	33.29
3.00	0.11	0.12	0.13	26.56	26.31	26.16	26.43	26.15	25.98
5.00	0.13	0.15	0.15	25.24	25.00	24.85	24.80	24.52	24.35
10.00	0.19	0.20	0.21	24.19	24.14	24.13	23.50	23.47	23.42
12.00	0.24	0.26	0.27	20.97	20.86	20.80	20.74	20.66	20.60
14.00	0.29	0.31	0.33	21.66	21.56	21.52	21.48	21.43	21.38
16.00	0.39	0.41	0.44	20.97	21.01	21.09	21.24	21.32	21.42
17.00	0.48	0.51	0.55	21.79	21.74	21.77	23.98	24.14	24.47
18.00	0.88	0.96	1.03	13.53	13.18	12.94	14.42	14.12	13.92
18.20	1.16	1.26	1.34	10.76	10.47	10.28	11.28	11.04	10.88
18.40	1.60	1.71	1.82	8.33	8.10	7.95	8.66	8.46	8.34
18.60	2.23	2.38	2.51	6.29	6.11	6.00	6.50	6.35	6.26
18.80	3.12	3.30	3.45	4.64	4.51	4.44	4.79	4.68	4.62
19.00	4.26	4.48	4.65	3.37	3.29	3.24	3.47	3.41	3.37
20.00	12.74	13.05	13.28	0.79	0.80	0.81	0.81	0.82	0.85
20.50	17.81	18.15	18.39	0.51	0.52	0.54	0.51	0.53	0.56
20.60	18.86	19.21	19.45	0.47	0.49	0.51	0.48	0.50	0.53
20.70	19.93	20.29	20.54	0.44	0.46	0.48	0.45	0.47	0.50
20.80	21.02	21.38	21.64	0.42	0.44	0.46	0.42	0.45	0.47
20.90	22.13	22.50	22.76	0.40	0.42	0.43	0.40	0.43	0.45
21.00	23.26	23.65	23.91	0.39	0.40	0.42	0.38	0.41	0.43
21.20	25.61	26.02	26.30	0.36	0.37	0.39	0.35	0.38	0.40
21.40	28.11	28.55	28.85	0.33	0.35	0.36	0.33	0.35	0.37
21.60	30.81	31.30	31.63	0.31	0.33	0.35	0.31	0.33	0.35
21.80	33.80	34.36	34.74	0.30	0.31	0.33	0.30	0.32	0.34
22.00	37.27	37.95	38.40	0.29	0.30	0.32	0.28	0.30	0.32
23.00	47.52	46.92	46.57	0.24	0.26	0.27	0.24	0.26	0.27
24.00	41.63	41.60	41.64	0.22	0.23	0.24	0.21	0.23	0.24
25.00	42.26	42.35	42.44	0.20	0.20	0.22	0.19	0.21	0.22
26.00	44.98	45.14	45.30	0.18	0.19	0.20	0.18	0.19	0.20
30.00	54.68	54.47	54.29	0.14	0.15	0.15	0.14	0.15	0.16
50.00	49.41	49.48	49.47	0.08	0.08	0.09	0.08	0.08	0.09
75.00	58.45	58.48	58.41	0.06	0.06	0.07	0.06	0.07	0.07
100.00	66.00	65.98	65.96	0.05	0.06	0.07	0.05	0.06	0.06
150.00	77.88	78.33	78.50	0.04	0.05	0.06	0.04	0.05	0.05
200.00	91.72	89.14	89.55	0.02	0.04	0.05	0.02	0.04	0.05
250.00	94.93	107.94	101.64	0.01	0.04	0.05	0.02	0.04	0.05
500.00	94.50	98.05	96.77	0.00	0.04	0.06	0.00	0.04	0.06
600.00	96.18	95.48	98.98	0.00	0.06	0.08	0.00	0.05	0.07
700.00	85.63	87.75	84.70	0.01	0.08	0.11	0.02	0.07	0.10
800.00	84.35	83.59	86.68	0.03	0.11	0.15	0.04	0.10	0.14
900.00	79.92	78.29	79.08	0.07	0.16	0.21	0.08	0.16	0.20
1000.00	70.37	69.26	69.08	0.12	0.24	0.31	0.16	0.26	0.33
1100.00	62.87	63.68	64.02	0.27	0.44	0.56	0.38	0.53	0.65
1200.00	58.76	56.06	55.11	0.74	1.07	1.28	1.05	1.46	1.74
1300.00	44.37	45.46	46.67	2.18	2.76	3.14	5.01	6.03	6.12
1400.00	47.57	50.07	51.28	5.93	5.72	5.22	4.33	3.57	3.33
1500.00	53.75	53.81	53.90	3.37	3.02	2.85	1.57	1.51	1.54
1600.00	51.28	51.08	51.09	1.84	1.92	1.97	0.93	1.00	1.06
1700.00	50.05	49.95	49.92	1.63	1.90	2.05	0.75	0.86	0.94
1800.00	47.52	47.05	47.08	2.27	2.83	3.07	0.76	0.92	1.02
1825.00	46.98	46.61	46.56	2.63	3.28	3.52	0.80	0.96	1.07
1850.00	46.27	46.06	46.27	3.11	3.81	4.03	0.84	1.03	1.14
1900.00	44.59	44.76	45.10	4.31	4.87	4.92	0.98	1.20	1.34
1925.00	43.83	44.22	44.69	4.88	5.14	5.08	1.09	1.32	1.48
1950.00	43.42	44.08	44.49	5.21	5.09	4.95	1.22	1.48	1.64
2000.00	43.24	44.17	44.72	4.71	4.22	4.11	1.56	1.87	2.04
2025.00	44.45	45.80	46.47	4.18	3.75	3.68	1.79	2.10	2.27
2100.00	50.15	51.63	52.33	2.89	2.63	2.65	2.54	2.74	2.79
2200.00	51.54	53.48	54.20	1.76	1.72	1.77	2.71	2.56	2.50

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
0.30	31.05	31.75	31.43
0.50	32.27	32.46	32.44
1.00	33.03	33.11	33.12
1.20	33.13	33.18	33.25
1.40	33.18	33.28	33.28
1.60	33.19	33.27	33.32
1.80	33.10	33.22	33.22
2.00	33.19	33.25	33.32
2.50	33.28	33.31	33.36
3.00	33.47	33.46	33.51
3.50	33.62	33.63	33.67
4.00	33.82	33.88	33.88
4.50	34.09	34.16	34.18
5.00	34.46	34.50	34.54
5.50	34.86	34.89	34.93
6.00	35.31	35.34	35.37
6.50	35.80	35.84	35.87
7.00	36.35	36.42	36.45
7.50	37.00	37.05	37.10
8.00	37.67	37.74	37.81
8.50	38.43	38.51	38.56
9.00	39.24	39.31	39.37
9.50	40.15	40.26	40.30
10.00	41.16	41.25	41.30
11.00	43.43	43.55	43.61
11.50	44.86	44.97	45.03
12.00	46.49	46.61	46.67
13.00	50.53	50.67	50.75
14.00	56.11	56.28	56.42
15.00	63.77	64.09	64.27
16.00	75.16	75.59	75.93