

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	0.01	0.02	0.02	40.59	48.03	40.87	40.04	47.54	41.32
100	0.02	0.02	0.02	47.51	43.14	41.06	45.94	42.93	40.99
200	0.02	0.02	0.03	41.90	39.98	38.89	41.33	39.83	38.78
250	0.02	0.02	0.03	38.74	38.45	37.69	38.62	38.33	37.62
300	0.02	0.02	0.03	36.75	37.19	36.81	36.71	37.08	36.71
350	0.02	0.03	0.03	35.21	36.10	35.94	35.33	36.02	35.88
400	0.02	0.03	0.03	34.16	35.16	35.11	34.28	35.10	35.05
500	0.02	0.03	0.03	32.76	33.57	33.51	32.87	33.53	33.49
550	0.02	0.03	0.03	32.20	32.89	32.81	32.29	32.86	32.79
600	0.03	0.03	0.04	31.66	32.27	32.16	31.74	32.24	32.17
650	0.03	0.03	0.04	31.08	31.70	31.59	31.16	31.67	31.60
700	0.03	0.03	0.04	30.51	31.17	31.09	30.60	31.14	31.11
750	0.03	0.03	0.04	29.95	30.68	30.63	30.05	30.65	30.66
800	0.03	0.03	0.04	29.45	30.22	30.22	29.54	30.19	30.24
850	0.03	0.04	0.04	29.01	29.80	29.85	29.09	29.77	29.86
900	0.03	0.04	0.04	28.62	29.40	29.49	28.67	29.37	29.48
950	0.03	0.04	0.04	28.27	29.03	29.14	28.31	28.99	29.12
1000	0.03	0.04	0.04	27.93	28.68	28.79	27.97	28.64	28.78
1050	0.03	0.04	0.04	27.63	28.35	28.47	27.67	28.31	28.46
1100	0.04	0.04	0.05	27.33	28.04	28.16	27.37	28.00	28.15
1150	0.04	0.04	0.05	27.06	27.74	27.87	27.10	27.70	27.86
1200	0.04	0.04	0.05	26.81	27.46	27.60	26.85	27.42	27.59
2000	0.05	0.06	0.07	24.25	24.41	24.59	24.30	24.40	24.62
2500	0.06	0.06	0.07	23.54	23.45	23.62	23.58	23.45	23.66
3000	0.06	0.07	0.08	23.19	22.93	23.14	23.27	22.95	23.18
3500	0.06	0.08	0.08	22.99	22.76	23.03	23.09	22.80	23.10
4000	0.07	0.08	0.09	22.89	22.88	23.28	23.01	22.94	23.37
4500	0.07	0.08	0.08	22.92	23.29	23.85	23.03	23.34	23.95
5000	0.08	0.09	0.09	23.13	23.97	24.80	23.17	23.98	24.88
5500	0.09	0.10	0.10	23.93	24.99	26.30	23.85	24.93	26.25
6000	0.09	0.10	0.11	25.13	26.34	28.42	24.89	26.13	28.13
6500	0.09	0.11	0.12	27.08	28.25	31.56	26.55	27.77	30.72
7000	0.09	0.11	0.12	30.09	30.94	35.99	29.23	30.06	34.51
7500	0.10	0.12	0.13	34.25	34.81	39.01	32.99	33.55	40.08
8000	0.10	0.12	0.13	39.02	37.45	35.13	39.71	39.19	41.71
8500	0.10	0.13	0.14	37.33	33.47	30.94	47.67	38.73	35.75
9000	0.10	0.13	0.15	33.86	29.35	27.83	43.77	32.95	31.47
9500	0.11	0.14	0.15	31.16	26.51	25.49	40.00	29.29	28.52
10000	0.12	0.15	0.17	28.61	24.72	23.87	36.79	27.20	26.57
10500	0.12	0.16	0.18	26.62	23.72	22.85	33.83	26.17	25.34
11000	0.13	0.17	0.19	25.12	23.51	22.53	31.40	26.19	25.01
11500	0.14	0.18	0.20	24.25	24.07	22.98	30.14	27.52	26.02
12000	0.15	0.19	0.21	24.30	25.18	24.09	30.72	31.13	28.85
12500	0.17	0.20	0.22	25.37	26.35	25.62	34.46	44.60	36.54
13000	0.17	0.21	0.23	26.83	25.88	25.97	44.31	34.43	38.16
13500	0.19	0.24	0.25	25.47	23.26	23.80	29.34	25.92	27.08
14000	0.22	0.27	0.28	22.05	20.52	21.07	22.96	21.66	22.36
14500	0.26	0.31	0.32	18.47	18.16	18.47	18.91	18.84	19.19
15000	0.32	0.38	0.39	16.09	16.44	16.65	16.33	16.84	17.09
15500	0.39	0.45	0.45	14.54	15.19	15.30	14.67	15.51	15.60
16000	0.47	0.51	0.54	13.65	14.21	14.31	13.74	14.40	14.54
16500	0.52	0.57	0.60	13.33	13.67	13.83	13.38	13.76	13.96
17000	0.54	0.61	0.63	13.28	13.05	13.22	13.29	13.07	13.29
17500	0.54	0.65	0.69	13.08	12.53	12.58	13.03	12.48	12.61
18000	0.61	0.71	0.77	12.65	12.04	11.85	12.57	11.94	11.84
18500	0.69	0.80	0.86	12.21	11.61	11.29	12.08	11.51	11.30
19000	0.79	0.89	0.95	11.55	11.24	10.77	11.36	11.11	10.75
20000	0.93	1.00	1.09	10.39	10.72	10.07	10.13	10.60	9.99
21000	1.01	1.03	1.12	10.20	10.50	10.17	9.93	10.32	10.00
23000	0.81	0.91	0.83	13.71	13.27	13.81	13.29	12.73	13.37

*Typical Performance Data*

FREQ.  (MHz)	GROUP DELAY		
	(psec)		
	@-55°C	@+25°C	@+125°C
10	30.98	31.47	32.18
500	30.45	31.10	31.40
1000	30.49	31.03	31.34
1500	30.23	30.88	31.15
2000	30.03	30.85	31.02
2500	30.19	30.99	31.13
3000	30.56	31.16	31.40
3500	30.71	31.27	31.54
4000	30.62	31.43	31.54
4500	31.86	32.01	32.82
5000	31.16	32.14	32.23
5500	31.51	32.26	32.59
6000	31.75	32.58	32.84
6500	32.13	32.85	33.12
7000	32.47	33.21	33.50
7500	32.84	33.52	33.82
8000	33.41	33.97	34.33
8500	33.34	34.03	34.43
9000	34.01	34.71	34.98
9500	33.83	34.78	35.16
10000	34.55	35.15	35.61
10500	34.95	35.76	35.80
11000	35.31	35.82	36.40
11500	35.49	36.22	36.47
12000	35.96	36.58	37.00
12500	35.99	36.91	36.93
13000	37.11	37.69	38.07
13500	37.04	37.91	38.14
14000	37.81	37.86	38.38
14500	37.62	38.44	38.87
15000	36.60	37.31	37.68
15500	37.25	37.36	38.13
16000	35.61	36.64	36.62
16500	35.09	36.64	36.71
17000	36.20	36.78	37.97
17500	38.03	37.20	37.38
18000	37.11	37.90	36.58
18500	37.52	36.41	37.13
20000	33.58	33.61	33.41
21000	30.90	34.42	32.86
23000	34.09	32.30	36.22