

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+100°C	@-55°C	@+25°C	@+100°C	@-55°C	@+25°C	@+100°C
10.0	0.03	0.04	0.04	39.40	41.59	42.31	38.39	40.66	44.16
50.0	0.11	0.14	0.14	26.77	27.07	27.07	26.59	27.54	28.58
100.0	0.16	0.18	0.21	22.12	21.25	20.18	22.93	21.85	20.53
160.0	0.21	0.25	0.28	18.94	18.13	17.43	19.54	18.80	18.09
200.0	0.23	0.28	0.33	18.34	17.28	16.17	18.97	18.00	16.88
240.0	0.25	0.30	0.35	17.64	17.17	16.43	18.26	17.93	17.20
260.0	0.26	0.31	0.35	17.50	17.38	17.00	18.08	18.15	17.86
280.0	0.26	0.31	0.35	17.64	17.79	17.65	18.17	18.55	18.57
300.0	0.26	0.31	0.35	18.02	18.41	18.40	18.54	19.15	19.29
340.0	0.26	0.31	0.34	19.48	20.32	20.69	19.92	20.98	21.46
360.0	0.25	0.31	0.34	20.62	21.66	22.57	20.97	22.23	23.29
380.0	0.25	0.31	0.34	22.03	23.20	24.87	22.26	23.65	25.55
400.0	0.25	0.32	0.35	23.59	24.86	27.33	23.68	25.14	27.82
440.0	0.26	0.34	0.38	25.68	26.84	29.71	25.58	27.01	30.15
460.0	0.27	0.36	0.40	25.22	26.16	28.38	25.28	26.41	29.11
480.0	0.29	0.38	0.42	23.70	24.27	25.92	23.82	24.45	26.53
500.0	0.32	0.42	0.46	21.33	21.59	22.76	21.33	21.58	22.94
550.0	0.55	0.66	0.72	13.68	13.71	13.85	13.51	13.56	13.69
600.0	1.42	1.59	1.72	7.07	7.04	6.90	7.03	7.03	6.88
625.0	2.39	2.58	2.77	4.66	4.66	4.53	4.68	4.72	4.60
650.0	3.80	4.00	4.25	2.93	2.97	2.89	2.99	3.09	3.02
700.0	7.58	7.80	8.09	1.12	1.18	1.17	1.27	1.40	1.42
750.0	11.85	12.08	12.34	0.48	0.54	0.56	0.67	0.81	0.86
775.0	13.98	14.20	14.44	0.34	0.40	0.42	0.54	0.69	0.74
800.0	16.04	16.27	16.48	0.25	0.31	0.33	0.46	0.61	0.67
850.0	19.95	20.23	20.39	0.17	0.23	0.24	0.39	0.54	0.61
875.0	21.83	22.10	22.25	0.15	0.20	0.21	0.37	0.52	0.59
900.0	23.66	23.93	24.07	0.14	0.19	0.21	0.35	0.51	0.58
950.0	27.16	27.42	27.52	0.13	0.18	0.19	0.33	0.49	0.57
975.0	28.83	29.08	29.16	0.12	0.17	0.18	0.33	0.50	0.58
1000.0	30.49	30.72	30.81	0.12	0.17	0.18	0.31	0.48	0.57
1050.0	33.69	33.90	33.96	0.12	0.17	0.18	0.30	0.47	0.56
1100.0	36.78	36.96	37.03	0.12	0.17	0.18	0.29	0.48	0.57
1150.0	39.81	39.98	40.05	0.12	0.17	0.18	0.29	0.47	0.57
1200.0	42.79	42.99	43.08	0.12	0.18	0.18	0.28	0.47	0.57
1250.0	45.90	46.06	46.17	0.13	0.18	0.19	0.26	0.46	0.57
1300.0	49.09	49.29	49.45	0.13	0.18	0.19	0.25	0.45	0.56
1325.0	50.73	50.99	51.12	0.13	0.18	0.19	0.26	0.46	0.57
1350.0	52.60	52.82	53.04	0.13	0.19	0.20	0.25	0.45	0.56
1375.0	54.51	54.78	55.00	0.13	0.18	0.19	0.25	0.46	0.57
1400.0	56.66	56.86	57.19	0.13	0.19	0.20	0.24	0.45	0.56
1500.0	71.15	71.59	72.58	0.13	0.19	0.20	0.24	0.46	0.58
2000.0	54.87	55.09	55.17	0.12	0.21	0.24	0.34	0.60	0.73
2500.0	53.10	53.27	53.30	0.09	0.21	0.28	0.53	0.86	1.03
3000.0	56.25	56.85	57.17	0.07	0.21	0.31	0.50	0.86	1.11
3500.0	67.29	68.48	70.99	0.10	0.25	0.37	0.40	0.75	0.97
3880.0	79.45	75.57	71.26	0.14	0.30	0.43	0.42	0.77	0.98
4000.0	71.91	69.58	66.92	0.15	0.32	0.44	0.43	0.82	1.05
4500.0	52.19	51.46	50.39	0.22	0.39	0.51	3.50	4.76	5.68
5000.0	51.18	51.20	50.97	0.28	0.49	0.62	0.27	0.62	0.92
5500.0	47.43	45.61	45.01	0.81	2.08	4.63	0.05	0.32	0.53
6000.0	46.51	48.99	51.87	1.59	2.21	2.78	0.09	0.37	0.51
6200.0	46.54	46.70	46.53	0.71	1.14	1.55	0.19	0.46	0.59
6220.0	45.98	45.82	45.31	0.69	1.11	1.55	0.21	0.48	0.60
6240.0	45.33	44.86	44.02	0.63	1.06	1.46	0.19	0.50	0.64
6260.0	44.56	43.78	42.63	0.64	1.05	1.46	0.23	0.51	0.63
6280.0	43.60	42.47	40.99	0.62	1.02	1.45	0.21	0.54	0.67
6300.0	42.43	40.95	39.27	0.59	1.00	1.40	0.21	0.56	0.73
6500.0	36.12	39.09	40.65	0.52	0.87	1.20	0.38	0.74	0.86
7000.0	47.62	48.16	48.00	0.30	0.75	1.29	0.61	1.31	1.71
8000.0	75.98	78.10	77.39	0.32	0.65	0.91	0.46	1.14	1.60
9000.0	49.56	50.40	51.49	0.38	0.85	1.79	0.10	0.60	1.04
10000.0	49.64	47.55	43.81	4.65	6.22	5.05	0.18	0.44	0.99



## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+100°C
10.0	1.26	1.24	1.22
50.0	1.28	1.25	1.25
60.0	1.23	1.22	1.20
80.0	1.24	1.22	1.20
100.0	1.24	1.22	1.20
120.0	1.24	1.22	1.20
140.0	1.24	1.22	1.20
160.0	1.25	1.23	1.21
180.0	1.26	1.23	1.21
200.0	1.27	1.24	1.21
220.0	1.28	1.25	1.22
240.0	1.28	1.26	1.23
260.0	1.29	1.27	1.25
280.0	1.31	1.29	1.27
300.0	1.33	1.31	1.29
320.0	1.35	1.33	1.31
340.0	1.38	1.36	1.34
360.0	1.40	1.39	1.37
380.0	1.44	1.42	1.40
400.0	1.47	1.45	1.43
420.0	1.51	1.49	1.47
440.0	1.55	1.54	1.52
460.0	1.60	1.58	1.56
480.0	1.67	1.65	1.63
500.0	1.74	1.72	1.71