

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	0.02	0.03	0.03	51.18	49.75	48.87	51.28	49.84	48.86
50	0.06	0.07	0.08	40.51	38.00	36.46	41.39	37.92	36.22
100	0.09	0.11	0.12	32.77	33.42	32.99	33.33	33.49	32.77
210	0.15	0.17	0.19	24.84	29.13	32.37	24.86	29.46	33.19
310	0.20	0.23	0.25	24.30	27.30	30.86	24.61	27.84	32.64
500	0.25	0.32	0.35	26.66	27.14	28.50	27.05	27.42	29.01
570	0.27	0.35	0.39	28.05	27.78	28.53	27.94	27.62	28.48
640	0.30	0.38	0.42	28.95	28.39	28.34	28.00	27.63	27.73
670	0.31	0.40	0.44	29.03	28.51	28.12	27.86	27.65	27.48
800	0.36	0.46	0.52	27.88	27.78	26.83	26.13	26.73	26.26
840	0.38	0.48	0.54	27.11	27.08	26.34	25.49	26.23	25.94
900	0.40	0.52	0.58	26.04	26.02	25.58	24.71	25.57	25.57
1070	0.49	0.63	0.71	24.12	23.95	23.56	24.17	24.95	24.82
1090	0.50	0.64	0.73	24.18	23.88	23.46	24.43	25.03	24.81
1240	0.60	0.78	0.88	24.62	23.90	23.75	26.31	25.57	25.26
1340	0.70	0.90	1.01	23.82	24.42	25.43	25.08	25.48	26.31
1410	0.80	1.01	1.14	23.47	25.28	27.12	24.27	25.98	27.66
1500	0.99	1.26	1.42	24.50	26.85	27.91	24.22	25.99	26.68
1510	1.02	1.30	1.47	24.55	26.66	27.30	24.01	25.48	25.84
1520	1.06	1.34	1.52	24.45	26.16	26.33	23.68	24.78	24.83
1530	1.10	1.39	1.58	24.16	25.34	25.05	23.17	23.88	23.65
1540	1.14	1.45	1.65	23.60	24.17	23.52	22.47	22.78	22.31
1550	1.19	1.52	1.73	22.71	22.71	21.80	21.56	21.50	20.85
1560	1.25	1.60	1.83	21.51	21.04	20.00	20.44	20.08	19.30
1570	1.33	1.70	1.95	20.04	19.23	18.14	19.14	18.54	17.68
1580	1.42	1.82	2.10	18.40	17.40	16.31	17.73	16.95	16.07
1590	1.53	1.97	2.28	16.69	15.58	14.54	16.21	15.33	14.46
1600	1.68	2.17	2.52	14.94	13.81	12.84	14.67	13.74	12.90
1610	1.87	2.41	2.81	13.22	12.12	11.24	13.10	12.18	11.40
1620	2.12	2.73	3.18	11.54	10.52	9.75	11.54	10.68	9.98
1630	2.45	3.14	3.65	9.94	9.04	8.38	10.03	9.26	8.65
1650	3.41	4.27	4.91	7.10	6.49	6.05	7.30	6.79	6.38
1680	5.85	6.92	7.72	4.01	3.82	3.67	4.28	4.16	4.02
1720	10.83	11.95	12.79	1.96	2.06	2.09	2.23	2.36	2.40
1790	21.35	22.26	22.98	0.94	1.11	1.20	1.16	1.35	1.45
1850	30.26	30.99	31.57	0.70	0.86	0.95	0.88	1.06	1.16
1860	31.62	32.34	32.89	0.67	0.83	0.93	0.85	1.03	1.13
1870	32.92	33.60	34.08	0.65	0.81	0.91	0.82	0.99	1.10
1880	34.21	34.84	35.29	0.63	0.79	0.89	0.80	0.97	1.07
1890	35.45	36.03	36.48	0.61	0.78	0.87	0.77	0.95	1.05
1950	40.91	41.22	41.41	0.52	0.69	0.79	0.67	0.85	0.95
2475	40.57	41.05	41.42	0.44	0.67	0.80	0.52	0.77	0.94
2500	40.53	41.02	41.39	0.44	0.67	0.81	0.52	0.78	0.94
2525	40.53	41.03	41.40	0.44	0.68	0.81	0.52	0.78	0.94
2550	40.46	40.96	41.34	0.45	0.69	0.83	0.53	0.79	0.95
2775	39.95	40.47	40.94	0.49	0.74	0.88	0.54	0.82	0.98
2800	39.82	40.37	40.86	0.49	0.74	0.89	0.55	0.82	0.98
2825	39.74	40.26	40.73	0.49	0.75	0.89	0.55	0.82	0.99
2850	39.63	40.16	40.62	0.50	0.75	0.90	0.55	0.82	0.99
2900	39.37	39.86	40.38	0.50	0.76	0.90	0.55	0.83	0.99
2950	39.08	39.56	40.08	0.51	0.77	0.92	0.55	0.83	0.99
2975	38.91	39.40	39.92	0.52	0.78	0.92	0.55	0.83	1.00
3000	38.72	39.21	39.73	0.52	0.78	0.93	0.55	0.83	1.00
3025	38.53	39.00	39.55	0.52	0.78	0.93	0.55	0.83	0.99
3075	38.12	38.56	39.13	0.53	0.79	0.94	0.55	0.83	1.00
3100	37.90	38.31	38.90	0.53	0.79	0.94	0.55	0.83	0.99
3125	37.64	38.06	38.64	0.53	0.80	0.94	0.55	0.83	0.99
3150	37.37	37.77	38.36	0.53	0.80	0.94	0.55	0.83	0.99
3175	37.09	37.49	38.09	0.53	0.80	0.94	0.55	0.83	0.99
3200	36.78	37.16	37.77	0.53	0.80	0.94	0.55	0.83	0.99

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
0.5	1.04	1.04	1.04
1	0.93	0.93	0.93
3	0.84	0.84	0.84
4	0.81	0.81	0.81
5	0.77	0.77	0.77
40	0.71	0.71	0.71
300	0.70	0.70	0.70
470	0.72	0.72	0.72
480	0.73	0.72	0.72
590	0.75	0.74	0.74
700	0.77	0.77	0.77
710	0.78	0.77	0.77
790	0.80	0.79	0.79
830	0.81	0.81	0.81
880	0.83	0.83	0.83
900	0.84	0.84	0.84
950	0.86	0.86	0.86
960	0.87	0.86	0.86
1000	0.89	0.89	0.89
1020	0.90	0.90	0.90
1040	0.91	0.91	0.91
1050	0.92	0.92	0.92
1070	0.93	0.93	0.93
1100	0.95	0.95	0.95
1110	0.96	0.96	0.96
1120	0.97	0.97	0.97
1140	0.99	0.98	0.98
1150	1.00	0.99	1.00
1170	1.01	1.01	1.01
1190	1.03	1.03	1.03
1200	1.04	1.04	1.04
1220	1.06	1.06	1.06
1230	1.07	1.07	1.08
1240	1.09	1.09	1.09
1250	1.10	1.10	1.10
1260	1.11	1.11	1.12
1270	1.13	1.12	1.13
1290	1.15	1.15	1.16
1300	1.17	1.17	1.17
1320	1.20	1.20	1.21
1330	1.21	1.22	1.22
1340	1.23	1.23	1.24
1350	1.25	1.25	1.26
1360	1.27	1.27	1.28
1370	1.29	1.29	1.30
1380	1.31	1.31	1.32
1390	1.33	1.34	1.35
1400	1.36	1.36	1.37
1410	1.38	1.39	1.40
1420	1.41	1.42	1.43
1430	1.43	1.44	1.46
1440	1.46	1.47	1.49
1450	1.50	1.51	1.52
1460	1.53	1.54	1.56
1470	1.57	1.58	1.60
1480	1.61	1.62	1.64
1490	1.65	1.67	1.69
1500	1.70	1.72	1.74
1510	1.75	1.77	1.80
1520	1.80	1.83	1.85