

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	100.15	102.28	103.02	0.05	0.05	0.05	0.05	0.05	0.05
50	97.53	108.65	96.63	0.03	0.03	0.03	0.04	0.04	0.05
100	89.31	88.67	88.80	0.01	0.02	0.02	0.06	0.08	0.09
200	71.75	72.06	72.33	0.00	0.01	0.01	0.18	0.21	0.22
250	67.18	67.09	67.15	0.00	0.02	0.02	0.22	0.25	0.26
500	48.82	48.85	48.85	0.04	0.07	0.08	0.41	0.50	0.56
750	47.62	47.62	47.70	0.10	0.14	0.16	0.49	0.59	0.66
1000	60.88	60.49	60.00	0.16	0.22	0.24	1.12	1.36	1.51
1100	59.22	59.60	59.63	0.20	0.27	0.30	0.90	1.06	1.18
1250	36.83	36.26	35.75	0.38	0.49	0.57	0.66	0.82	0.93
1265	31.03	30.51	30.06	0.45	0.58	0.67	0.70	0.87	0.99
1290	22.03	21.55	21.16	0.68	0.85	0.99	0.87	1.08	1.23
1295	20.28	19.81	19.42	0.76	0.95	1.10	0.94	1.16	1.31
1300	18.54	18.08	17.70	0.86	1.08	1.24	1.02	1.25	1.42
1325	10.12	9.75	9.47	2.07	2.53	2.90	2.00	2.42	2.74
1350	3.90	3.88	3.86	7.00	8.17	9.16	5.96	6.84	7.55
1400	1.31	1.50	1.63	18.56	19.32	20.36	18.30	19.47	20.41
1425	1.07	1.26	1.38	25.51	25.95	27.72	31.42	36.56	34.23
1450	0.96	1.15	1.28	24.07	22.79	22.28	22.99	22.10	21.23
1500	0.94	1.10	1.22	15.50	15.57	15.53	15.13	15.29	15.22
1600	0.72	0.88	0.98	20.48	21.04	21.42	21.25	21.93	21.90
1750	0.71	0.86	0.95	17.59	18.36	19.35	16.87	17.56	18.37
1950	0.65	0.81	0.92	24.98	25.53	25.94	24.71	25.57	26.06
2000	0.72	0.87	0.97	18.23	19.25	20.35	18.12	19.27	20.33
2150	0.83	1.00	1.11	16.75	17.36	18.21	16.53	17.21	17.98
2250	0.83	1.03	1.17	25.12	24.79	23.16	22.56	22.33	21.22
2350	1.00	1.23	1.38	21.95	22.87	22.94	21.06	21.41	21.32
2450	1.20	1.47	1.65	27.34	29.27	33.21	29.90	29.96	29.56
2500	1.47	1.79	2.03	27.58	28.24	25.39	30.34	29.27	25.89
2550	2.17	2.68	3.10	18.63	16.27	14.45	23.82	21.61	20.12
2560	2.54	3.14	3.64	14.55	12.85	11.54	17.35	16.01	15.01
2570	3.12	3.84	4.45	10.97	9.80	8.89	12.72	11.83	11.12
2600	6.90	8.06	9.00	4.16	3.98	3.82	4.86	4.73	4.58
2650	18.54	19.91	20.99	1.24	1.43	1.54	1.48	1.65	1.75
2660	21.15	22.52	23.63	1.08	1.27	1.39	1.27	1.43	1.53
2670	23.84	25.24	26.38	0.96	1.16	1.28	1.12	1.28	1.39
2680	26.65	28.08	29.24	0.86	1.07	1.19	1.01	1.17	1.27
2690	29.61	31.09	32.30	0.79	0.99	1.12	0.91	1.07	1.18
2700	32.83	34.37	35.67	0.74	0.93	1.06	0.83	0.99	1.09
2750	47.82	47.40	46.54	0.57	0.76	0.87	0.58	0.73	0.83
2800	41.90	41.64	41.26	0.48	0.66	0.77	0.45	0.58	0.67
2850	40.99	40.92	40.51	0.45	0.62	0.72	0.37	0.50	0.57
2900	39.89	40.16	39.84	0.47	0.63	0.74	0.32	0.44	0.51
2950	40.51	40.21	40.15	0.46	0.64	0.79	0.29	0.41	0.48
3000	44.36	43.42	43.65	0.54	0.72	0.81	0.24	0.35	0.41
3200	52.87	51.78	51.33	0.69	0.88	0.98	0.14	0.24	0.29
3250	55.36	56.44	56.22	0.64	0.83	0.94	0.13	0.23	0.27
3300	57.11	57.19	56.64	0.66	0.80	0.90	0.11	0.21	0.25
3350	58.66	58.23	57.16	0.77	0.90	1.03	0.09	0.19	0.23
3400	56.59	56.23	56.69	0.71	0.85	0.95	0.08	0.18	0.22
3450	58.36	57.29	58.79	0.72	0.83	0.92	0.07	0.16	0.21
3500	66.53	67.36	63.42	0.66	0.79	0.88	0.06	0.16	0.20
3550	52.64	56.11	54.20	0.73	0.79	0.88	0.06	0.16	0.20
3600	64.24	59.29	59.14	0.82	0.92	1.01	0.04	0.14	0.19
3650	66.73	63.33	62.56	0.52	0.66	0.73	0.02	0.13	0.18
3700	67.68	72.04	69.43	0.43	0.56	0.63	0.02	0.13	0.18
3750	55.28	63.08	63.10	0.40	0.53	0.60	0.03	0.15	0.20
3800	57.06	56.99	55.36	0.35	0.48	0.56	0.02	0.13	0.20
3900	63.75	62.93	62.64	0.27	0.40	0.48	0.01	0.11	0.20
4000	60.44	62.41	77.33	0.22	0.36	0.45	0.01	0.14	0.21

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1450	3.10	3.06	3.02
1465	2.88	2.85	2.81
1480	2.70	2.67	2.64
1495	2.55	2.52	2.50
1510	2.42	2.40	2.38
1525	2.32	2.31	2.29
1540	2.24	2.23	2.21
1555	2.18	2.16	2.15
1570	2.12	2.11	2.09
1585	2.08	2.06	2.05
1600	2.04	2.02	2.01
1615	2.00	1.99	1.97
1630	1.96	1.95	1.93
1645	1.93	1.91	1.90
1660	1.89	1.87	1.86
1675	1.85	1.84	1.83
1690	1.82	1.81	1.80
1705	1.79	1.78	1.77
1720	1.76	1.75	1.74
1735	1.74	1.73	1.72
1750	1.72	1.71	1.70
1765	1.70	1.69	1.69
1780	1.69	1.68	1.67
1795	1.67	1.67	1.66
1810	1.67	1.66	1.65
1825	1.66	1.66	1.65
1840	1.66	1.65	1.64
1855	1.66	1.65	1.64
1870	1.65	1.64	1.63
1885	1.65	1.64	1.63
1900	1.65	1.64	1.63
1915	1.65	1.64	1.63
1930	1.65	1.64	1.63
1950	1.65	1.64	1.62
1960	1.64	1.63	1.62
1975	1.64	1.63	1.62
1990	1.63	1.63	1.62
2005	1.63	1.63	1.62
2020	1.62	1.62	1.62
2035	1.63	1.62	1.62
2050	1.63	1.63	1.62
2065	1.63	1.63	1.63
2080	1.63	1.63	1.63
2095	1.64	1.64	1.64
2110	1.65	1.65	1.65
2125	1.66	1.66	1.66
2140	1.68	1.68	1.68
2155	1.70	1.69	1.69
2170	1.71	1.71	1.70
2185	1.73	1.73	1.72
2200	1.76	1.75	1.74
2215	1.78	1.77	1.76
2230	1.80	1.79	1.78
2250	1.83	1.82	1.81
2275	1.87	1.87	1.86
2300	1.92	1.92	1.92
2325	1.98	1.97	1.97
2350	2.02	2.03	2.03
2360	2.05	2.06	2.06
2400	2.22	2.23	2.24