

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	99.84	115.68	101.49	0.00	0.00	0.00	0.00	0.00	0.00
190	95.76	90.07	92.71	0.01	0.01	0.02	0.02	0.04	0.05
420	74.47	74.14	74.13	0.01	0.03	0.06	0.12	0.17	0.19
760	59.06	59.21	59.25	0.02	0.10	0.15	0.37	0.46	0.52
845	57.39	57.57	57.54	0.05	0.13	0.18	0.44	0.54	0.61
930	69.67	72.28	74.00	0.09	0.17	0.23	0.50	0.62	0.71
960	55.95	55.21	54.55	0.11	0.20	0.26	0.52	0.65	0.75
1020	34.12	33.67	33.19	0.20	0.30	0.38	0.59	0.73	0.85
1060	20.71	20.14	19.54	0.38	0.53	0.65	0.70	0.90	1.05
1100	4.92	4.47	4.14	3.15	4.18	5.09	3.30	4.34	5.19
1109	2.40	2.31	2.27	6.85	8.80	10.36	6.92	8.82	10.19
1123	0.98	1.22	1.38	21.36	26.43	29.48	20.95	26.18	27.13
1125	0.92	1.18	1.35	25.42	28.78	29.34	24.97	30.37	28.79
1128	0.88	1.14	1.31	31.04	26.63	26.05	32.73	29.51	27.20
1129	0.87	1.14	1.30	30.62	25.58	25.16	33.45	28.11	26.40
1134	0.83	1.10	1.26	24.44	22.29	22.63	25.71	23.67	23.66
1148	0.77	1.01	1.16	21.82	22.63	24.19	22.02	22.99	24.32
1155	0.73	0.97	1.12	23.79	25.91	28.22	23.66	25.68	27.53
1159	0.71	0.95	1.10	25.47	28.69	31.33	25.15	27.92	30.03
1161	0.71	0.94	1.09	26.36	30.17	32.59	25.97	29.14	31.27
1171	0.68	0.92	1.07	28.12	29.92	29.14	28.70	31.14	31.55
1175	0.68	0.91	1.07	27.16	27.87	27.36	28.34	29.71	30.10
1183	0.67	0.90	1.06	25.36	25.58	25.69	26.99	27.77	28.70
1200	0.65	0.88	1.03	26.96	28.07	29.41	29.25	31.87	35.44
1205	0.65	0.88	1.03	29.62	31.57	32.65	32.61	37.90	39.50
1208	0.64	0.87	1.03	32.08	34.82	33.83	35.98	44.95	36.24
1210	0.64	0.87	1.03	34.12	37.10	33.31	38.72	42.88	33.50
1213	0.64	0.88	1.03	36.53	36.71	30.97	39.22	35.56	30.11
1225	0.65	0.89	1.06	25.57	24.41	22.65	25.62	24.06	22.50
1226	0.65	0.89	1.06	24.90	23.83	22.21	25.00	23.56	22.12
1232	0.67	0.91	1.08	21.76	21.12	20.09	22.11	21.22	20.32
1240	0.70	0.94	1.11	19.26	19.03	18.49	19.87	19.48	19.08
1255	0.73	0.97	1.14	18.38	18.96	19.15	19.55	20.20	20.81
1266	0.73	0.99	1.17	21.71	23.51	23.78	25.34	29.53	35.18
1269	0.73	1.00	1.19	23.33	24.90	23.96	30.47	43.68	34.78
1274	0.76	1.05	1.27	23.51	22.08	19.92	30.96	24.94	21.72
1282	0.91	1.29	1.57	15.90	14.22	12.93	16.71	14.67	13.34
1289	1.27	1.75	2.12	10.66	9.57	8.77	11.06	9.87	9.07
1293	1.61	2.16	2.58	8.44	7.60	7.00	8.79	7.90	7.31
1312	4.75	5.56	6.13	2.64	2.53	2.45	3.03	2.93	2.87
1357	15.20	15.87	16.31	0.32	0.45	0.53	0.83	1.01	1.14
1403	23.58	24.10	24.42	0.13	0.25	0.33	0.68	0.88	1.02
1425	26.92	27.40	27.68	0.11	0.22	0.30	0.67	0.87	1.01
1449	30.24	30.69	30.94	0.10	0.21	0.28	0.67	0.87	1.02
1615	54.76	55.21	55.40	0.11	0.20	0.27	0.70	0.93	1.07
1650	76.75	77.87	78.93	0.12	0.21	0.28	0.71	0.93	1.08
1920	45.59	45.82	46.00	0.15	0.24	0.31	0.81	0.99	1.12
2320	40.76	40.78	40.83	0.15	0.27	0.37	1.36	1.66	1.93
2500	36.50	36.59	36.62	0.16	0.28	0.39	2.75	3.39	3.95
2510	36.16	36.26	36.32	0.16	0.29	0.39	2.92	3.59	4.20
2690	48.27	51.14	53.41	0.18	0.33	0.44	4.01	3.99	3.96
2760	55.64	54.81	54.06	0.22	0.39	0.52	2.30	2.42	2.50
2770	54.42	53.84	53.37	0.23	0.40	0.54	2.17	2.30	2.39
2880	49.33	46.72	45.20	4.69	10.51	27.91	1.35	1.51	1.61
2960	45.00	46.40	47.79	1.87	2.92	4.10	1.06	1.23	1.34
3050	44.77	44.13	43.68	1.29	1.47	1.56	0.87	1.05	1.17
3450	44.83	47.22	49.51	2.83	4.06	4.76	0.59	0.81	0.99
3800	36.02	36.32	36.58	1.00	1.60	2.06	0.56	0.81	0.99
4000	36.95	37.64	38.16	0.79	1.06	1.22	0.56	0.80	0.98
4500	66.33	62.82	59.35	0.16	0.40	0.63	0.54	0.78	0.93

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1155.0	5.93	5.86	5.80
1160.0	5.77	5.71	5.66
1165.0	5.64	5.58	5.53
1170.0	5.51	5.46	5.42
1175.0	5.40	5.35	5.31
1180.0	5.31	5.26	5.23
1185.0	5.23	5.19	5.16
1190.0	5.16	5.13	5.10
1195.0	5.11	5.08	5.06
1200.0	5.07	5.05	5.03
1200.5	5.06	5.04	5.03
1201.0	5.06	5.04	5.03
1203.5	5.04	5.02	5.01
1204.0	5.04	5.02	5.02
1204.5	5.04	5.02	5.01
1205.0	5.03	5.02	5.01
1205.5	5.03	5.02	5.01
1210.0	5.01	5.01	5.00
1215.0	5.01	5.00	4.99
1220.0	5.00	4.99	4.98
1225.0	5.00	4.99	4.98
1230.0	5.00	4.99	4.98
1235.0	5.00	5.01	5.00
1235.5	5.02	5.02	5.01
1236.0	5.00	5.00	5.00
1236.5	5.01	5.02	5.01
1237.0	5.01	5.02	5.01
1237.5	5.02	5.02	5.02
1238.0	5.01	5.01	5.02
1238.5	5.01	5.02	5.02
1239.0	5.01	5.02	5.02
1239.5	5.02	5.02	5.02
1240.0	5.01	5.04	5.03
1240.5	5.03	5.04	5.04
1241.0	5.03	5.03	5.04
1241.5	5.03	5.05	5.05
1242.0	5.03	5.04	5.05
1242.5	5.03	5.04	5.05
1243.0	5.03	5.04	5.05
1243.5	5.04	5.06	5.07
1244.0	5.05	5.06	5.07
1244.5	5.05	5.07	5.08
1245.0	5.05	5.07	5.08
1245.5	5.06	5.08	5.09
1246.0	5.07	5.08	5.10
1246.5	5.06	5.09	5.10
1247.0	5.07	5.09	5.12
1247.5	5.08	5.10	5.12
1248.0	5.09	5.11	5.13
1248.5	5.09	5.12	5.14
1249.0	5.09	5.12	5.15
1249.5	5.10	5.14	5.16
1250.0	5.11	5.15	5.17
1250.5	5.11	5.15	5.18
1251.0	5.13	5.16	5.20
1252.0	5.14	5.18	5.22
1252.5	5.14	5.19	5.23
1253.0	5.16	5.21	5.25
1254.0	5.19	5.24	5.29
1255.0	5.23	5.28	5.33