

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	63.89	64.03	63.98	0.05	0.05	0.05	0.05	0.05	0.05
1.5	60.65	60.66	60.61	0.05	0.05	0.05	0.05	0.05	0.05
2.0	58.42	58.36	58.43	0.05	0.05	0.06	0.05	0.05	0.05
2.5	56.80	56.81	56.86	0.05	0.05	0.05	0.05	0.05	0.05
4.5	54.01	54.03	54.03	0.05	0.05	0.05	0.06	0.06	0.06
5.0	53.96	53.94	53.99	0.06	0.05	0.06	0.06	0.06	0.06
7.5	57.63	57.74	57.72	0.06	0.06	0.06	0.07	0.08	0.08
8.0	59.57	59.63	59.74	0.06	0.07	0.07	0.07	0.08	0.08
12.0	66.96	67.32	67.14	0.10	0.11	0.12	0.13	0.14	0.15
14.0	69.36	69.16	69.33	0.15	0.16	0.17	0.18	0.21	0.23
14.5	66.51	66.52	66.44	0.16	0.18	0.19	0.21	0.23	0.26
15.0	67.70	68.38	68.51	0.19	0.20	0.22	0.23	0.26	0.28
17.0	50.54	49.57	48.50	0.38	0.42	0.46	0.42	0.47	0.52
17.5	33.74	33.17	32.49	0.51	0.56	0.62	0.54	0.60	0.67
18.0	20.97	20.49	19.93	0.82	0.91	1.02	0.81	0.91	1.03
18.5	9.46	9.11	8.73	2.22	2.50	2.84	2.12	2.40	2.73
20.0	0.88	0.95	1.02	21.61	21.82	22.21	21.16	21.39	21.69
25.0	0.33	0.35	0.38	32.02	32.40	32.63	36.28	36.91	37.63
27.0	0.28	0.31	0.33	26.39	26.50	26.46	26.18	26.27	26.21
38.0	0.20	0.21	0.23	28.74	29.22	29.55	32.07	33.19	34.19
55.0	0.19	0.20	0.22	24.33	24.65	24.79	23.76	23.93	23.98
120.0	0.20	0.23	0.24	24.02	24.41	24.87	24.52	24.97	25.44
185.0	0.21	0.25	0.27	28.10	26.19	25.38	32.11	29.10	27.77
255.0	0.22	0.27	0.30	27.30	25.81	24.24	29.18	28.28	26.41
420.0	0.26	0.34	0.38	24.50	24.18	23.82	23.92	23.35	23.17
490.0	0.28	0.36	0.42	24.61	24.16	23.90	23.45	22.68	22.41
500.0	0.28	0.37	0.42	24.72	24.19	23.88	23.45	22.64	22.33
510.0	0.29	0.37	0.43	24.84	24.23	23.88	23.50	22.64	22.28
560.0	0.30	0.40	0.46	25.57	24.52	23.84	23.91	22.88	22.28
695.0	0.37	0.49	0.58	25.79	24.72	23.39	25.54	25.23	24.19
720.0	0.40	0.52	0.62	25.63	24.39	23.17	26.25	25.89	24.93
750.0	0.43	0.58	0.68	25.30	23.77	22.73	27.45	26.75	25.98
800.0	0.57	0.78	0.92	24.34	22.30	21.70	31.45	28.63	28.08
813.0	0.66	0.90	1.04	23.67	21.75	21.48	31.69	28.53	27.91
880.0	0.88	0.93	1.01	27.26	33.20	41.33	22.60	24.12	23.54
911.0	0.74	0.89	1.01	31.64	29.66	26.56	21.32	21.03	20.02
914.0	0.74	0.89	1.02	30.54	28.30	25.57	21.07	20.65	19.65
917.0	0.74	0.89	1.03	29.38	27.06	24.64	20.81	20.30	19.30
945.0	0.79	0.99	1.15	21.55	19.96	18.84	18.04	17.12	16.34
1000.0	1.04	1.31	1.50	15.71	15.37	15.45	14.89	14.57	14.58
1050.0	2.70	3.41	4.09	9.25	9.09	8.59	6.89	6.32	5.68
1056.0	3.62	4.50	5.33	7.11	6.96	6.63	5.09	4.64	4.18
1066.0	5.87	7.02	8.04	4.56	4.57	4.50	2.95	2.74	2.54
1074.0	8.23	9.54	10.65	3.30	3.43	3.49	1.93	1.87	1.79
1130.0	32.03	34.15	36.09	1.25	1.52	1.71	0.51	0.62	0.69
1150.0	49.65	56.84	56.55	1.11	1.37	1.56	0.44	0.56	0.62
1156.0	60.02	53.22	49.36	1.09	1.35	1.53	0.43	0.54	0.61
1162.0	51.24	47.93	45.96	1.06	1.32	1.50	0.42	0.52	0.59
1180.0	44.88	43.78	43.45	1.01	1.28	1.45	0.38	0.49	0.55
1200.0	45.26	44.46	44.32	1.00	1.27	1.43	0.35	0.46	0.52
1220.0	48.56	47.59	47.32	1.02	1.31	1.48	0.32	0.43	0.49
1230.0	51.35	50.05	49.50	1.05	1.36	1.53	0.31	0.41	0.48
1340.0	47.65	48.99	49.86	2.93	2.86	2.87	0.21	0.31	0.37
1375.0	47.45	48.25	48.89	2.90	2.79	2.86	0.19	0.29	0.34
1415.0	47.22	48.22	48.82	2.67	2.75	2.90	0.16	0.26	0.32
1500.0	50.79	52.42	53.32	3.06	3.38	3.63	0.13	0.23	0.29
1510.0	51.44	53.26	54.21	3.16	3.50	3.74	0.13	0.23	0.28
1300.0	49.43	51.05	52.55	2.02	2.42	2.54	0.24	0.34	0.40
1790.0	44.37	44.58	44.49	3.59	3.84	4.18	0.08	0.18	0.24
1800.0	44.24	44.46	44.47	3.55	3.82	4.17	0.07	0.18	0.24

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
20	185.49	183.43	179.51
40	13.24	13.22	13.18
50	7.85	7.85	7.83
60	5.24	5.24	5.23
80	3.56	3.56	3.56
100	2.42	2.42	2.42
120	1.85	1.85	1.85
140	1.54	1.54	1.54
150	1.43	1.43	1.43
160	1.35	1.35	1.35
180	1.23	1.22	1.22
200	1.14	1.14	1.14
220	1.08	1.08	1.08
240	1.04	1.04	1.03
250	1.02	1.02	1.02
260	1.00	1.00	1.00
280	0.98	0.98	0.98
300	0.96	0.96	0.96
320	0.95	0.95	0.95
340	0.94	0.94	0.94
350	0.94	0.94	0.93
360	0.93	0.93	0.93
380	0.93	0.93	0.93
400	0.93	0.93	0.93
420	0.93	0.93	0.93
440	0.94	0.94	0.94
460	0.94	0.94	0.94
480	0.95	0.95	0.95
500	0.96	0.96	0.96
510	0.96	0.96	0.96
520	0.97	0.97	0.97
540	0.98	0.98	0.98
560	1.00	1.00	1.00
580	1.01	1.01	1.01
600	1.03	1.03	1.03
620	1.05	1.05	1.05
640	1.07	1.08	1.08
660	1.10	1.10	1.10
680	1.13	1.13	1.13
700	1.16	1.16	1.17
720	1.20	1.20	1.21
740	1.24	1.25	1.25
760	1.29	1.30	1.30
780	1.35	1.36	1.33
800	1.40	1.39	1.36
810	1.45	1.42	1.35
820	1.44	1.38	1.29
840	1.30	1.25	1.34
850	1.25	1.30	1.45
860	1.33	1.44	1.57
880	1.66	1.71	1.75
900	1.87	1.88	1.90
910	1.94	1.95	1.97
920	2.02	2.02	2.04
940	2.20	2.21	2.23
950	2.30	2.31	2.34
960	2.42	2.44	2.47
980	2.74	2.76	2.81
990	2.95	2.98	3.06
1000	3.23	3.27	3.39