

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
0.0300	80.61	81.48	81.81	0.51	0.29	0.31	1.12	0.83	1.02
0.0340	85.04	79.87	80.42	0.67	0.38	0.42	1.15	0.90	1.08
0.0380	65.40	71.16	70.45	0.91	0.52	0.59	1.15	0.94	1.10
0.0406	58.94	61.98	61.68	1.17	0.65	0.75	1.19	0.96	1.10
0.0410	58.33	61.15	60.70	1.23	0.68	0.79	1.20	0.97	1.10
0.0414	58.17	60.43	60.00	1.29	0.71	0.82	1.22	0.97	1.10
0.0418	58.16	60.08	59.54	1.36	0.75	0.86	1.24	0.98	1.11
0.0422	58.43	60.00	59.39	1.43	0.79	0.91	1.26	0.99	1.12
0.0426	59.28	60.27	59.47	1.51	0.83	0.95	1.29	1.01	1.13
0.0430	60.31	60.80	59.85	1.61	0.87	1.01	1.32	1.02	1.14
0.0434	60.52	62.22	60.69	1.72	0.93	1.07	1.35	1.04	1.15
0.0438	57.29	63.77	62.20	1.85	0.98	1.13	1.39	1.05	1.17
0.0445	49.69	60.74	62.05	2.13	1.10	1.27	1.49	1.10	1.21
0.0450	44.77	54.49	56.17	2.39	1.21	1.39	1.57	1.15	1.25
0.0458	37.75	46.36	47.56	2.99	1.44	1.64	1.74	1.23	1.33
0.0466	31.25	39.59	40.61	3.97	1.78	1.99	2.00	1.37	1.45
0.0474	24.82	33.30	34.35	5.90	2.34	2.54	2.43	1.57	1.63
0.0486	15.72	23.18	24.97	15.00	4.75	4.42	3.80	2.17	2.16
0.0490	13.49	19.00	21.54	23.73	7.47	5.92	4.54	2.54	2.48
0.0560	3.67	3.13	3.59	21.78	11.82	12.69	16.50	12.90	12.73
0.0600	2.75	1.97	2.33	22.50	23.87	25.45	18.32	23.59	21.16
0.0610	2.63	1.87	2.21	21.38	20.48	21.24	18.18	19.44	18.66
0.0620	2.51	1.80	2.12	21.27	18.18	18.93	18.46	17.36	17.15
0.0630	2.42	1.74	2.04	21.90	16.89	17.77	19.12	16.30	16.39
0.0640	2.33	1.68	1.96	23.23	16.25	17.32	20.13	15.86	16.18
0.0650	2.26	1.62	1.89	25.38	16.09	17.41	21.41	15.90	16.40
0.0660	2.19	1.56	1.82	28.67	16.30	17.91	22.80	16.31	17.01
0.0670	2.14	1.51	1.76	34.34	16.84	18.80	23.98	17.08	17.98
0.0680	2.10	1.45	1.70	50.29	17.65	20.08	24.52	18.19	19.35
0.0690	2.06	1.40	1.64	37.18	18.74	21.78	24.33	19.70	21.17
0.0700	2.03	1.35	1.60	31.33	20.11	23.99	23.72	21.68	23.54
0.0730	1.98	1.26	1.51	26.03	25.83	34.04	22.59	33.58	34.38
0.0740	1.97	1.24	1.49	25.79	27.98	34.44	22.89	43.87	33.17
0.0750	1.97	1.23	1.49	26.04	29.64	32.12	23.65	37.78	30.41
0.0760	1.97	1.22	1.48	26.73	30.39	30.18	25.01	32.64	28.57
0.0770	1.99	1.22	1.48	27.71	30.36	29.01	27.15	30.28	27.70
0.0780	2.00	1.22	1.48	28.54	30.07	28.47	30.11	29.35	27.68
0.0790	2.04	1.22	1.49	28.39	29.75	28.37	31.27	29.50	28.58
0.0800	2.08	1.23	1.50	26.86	29.34	28.40	27.55	30.76	30.80
0.0810	2.14	1.25	1.52	24.66	28.49	28.09	23.40	33.44	35.94
0.0830	2.32	1.30	1.59	20.49	24.86	25.02	17.40	32.45	32.59
0.0840	2.45	1.34	1.64	18.74	22.59	22.80	15.16	26.97	26.01
0.0850	2.61	1.40	1.71	17.15	20.39	20.61	13.24	22.82	21.80
0.0860	2.81	1.47	1.79	15.66	18.36	18.62	11.54	19.59	18.63
0.0870	3.06	1.56	1.92	14.21	16.53	16.83	10.03	16.93	16.06
0.0900	4.19	2.02	2.47	10.09	12.07	12.42	6.36	11.05	10.35
0.0980	11.39	5.76	6.95	3.47	4.72	4.82	1.63	3.14	2.80
0.1020	16.32	9.64	11.20	2.44	2.87	2.99	0.91	1.61	1.44
0.1060	21.38	14.22	15.98	1.96	1.92	2.09	0.58	0.88	0.82
0.1100	26.48	19.00	20.89	1.70	1.43	1.62	0.41	0.54	0.53
0.1180	36.95	28.70	30.79	1.40	0.98	1.16	0.25	0.28	0.29
0.1200	39.70	31.16	33.31	1.34	0.91	1.09	0.22	0.25	0.26
0.1500	89.72	83.90	93.88	0.73	0.48	0.63	0.08	0.09	0.09
0.2000	67.06	74.47	71.66	0.34	0.25	0.32	0.03	0.03	0.03
0.4000	53.38	54.20	53.78	0.22	0.15	0.16	0.00	0.00	0.00
0.6000	54.22	55.08	54.65	0.21	0.14	0.14	0.00	0.00	0.00
0.8000	55.76	56.70	56.26	0.19	0.13	0.13	0.00	0.00	0.00
1.0000	57.26	58.29	57.83	0.17	0.12	0.12	0.00	0.00	0.01
5.0000	74.84	77.24	76.32	0.08	0.07	0.08	0.01	0.02	0.01
10.0000	78.80	77.82	78.27	0.07	0.07	0.08	0.02	0.02	0.02
50.0000	54.16	54.13	54.05	0.12	0.14	0.16	0.05	0.06	0.07
100.0000	49.26	49.24	49.14	0.15	0.18	0.20	0.08	0.10	0.10
200.0000	44.95	45.00	45.01	0.26	0.28	0.31	0.12	0.13	0.14
300.0000	41.32	41.25	41.30	0.35	0.39	0.41	0.15	0.17	0.17
400.0000	39.29	39.13	39.06	0.39	0.43	0.46	0.15	0.18	0.19
500.0000	36.68	36.55	36.46	0.40	0.47	0.51	0.15	0.18	0.20
600.0000	34.48	34.44	34.34	0.48	0.56	0.62	0.17	0.20	0.21
700.0000	32.98	32.93	32.79	0.71	0.79	0.86	0.17	0.20	0.22
800.0000	31.44	31.41	31.28	0.88	0.99	1.08	0.18	0.21	0.23

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
0.0630	33425.10	34492.40	34959.90
0.0640	32272.10	32860.70	33345.00
0.0650	31275.60	31540.10	32048.60
0.0660	30419.70	30453.30	30960.80
0.0670	29644.00	29533.10	30040.70
0.0680	28974.30	28766.60	29263.00
0.0690	28377.40	28120.30	28585.00
0.0700	27856.70	27532.60	27989.90
0.0710	27431.10	27030.70	27454.40
0.0720	27103.30	26592.00	26983.20
0.0730	26845.30	26187.80	26564.10
0.0740	26689.80	25839.50	26204.60
0.0750	26651.60	25560.10	25916.80
0.0760	26689.80	25338.40	25711.00
0.0770	26817.40	25173.60	25564.80
0.0780	27026.00	25089.80	25498.60
0.0790	27335.20	25087.00	25542.40
0.0800	27685.40	25157.80	25639.30
0.0810	28095.20	25293.70	25829.30
0.0820	28576.70	25521.00	26109.60
0.0830	29108.40	25807.80	26462.60
0.0840	29659.80	26141.20	26850.90
0.0850	30259.60	26550.10	27315.60
0.0860	30905.00	26998.10	27842.80
0.0870	31512.20	27451.60	28347.60