

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	103.09	97.64	103.82	0.00	0.00	0.00	0.00	0.00	0.00
2	101.63	108.67	117.43	0.00	0.00	0.00	0.00	0.00	0.00
4	105.18	107.12	97.77	0.00	0.00	0.00	0.00	0.00	0.00
6	104.47	110.84	102.23	0.00	0.00	0.00	0.00	0.00	0.01
8	101.14	100.32	105.93	0.01	0.01	0.01	0.01	0.01	0.01
10	92.04	94.43	91.97	0.01	0.01	0.01	0.02	0.02	0.02
12	85.57	84.58	86.57	0.02	0.02	0.03	0.02	0.03	0.03
14	83.24	83.50	83.67	0.03	0.03	0.04	0.04	0.04	0.05
16	82.14	81.94	82.97	0.04	0.05	0.06	0.05	0.07	0.08
18	103.71	94.54	99.76	0.06	0.07	0.09	0.08	0.10	0.11
20	70.88	70.33	69.85	0.10	0.11	0.13	0.13	0.14	0.16
21	64.95	64.52	64.48	0.12	0.14	0.16	0.15	0.18	0.20
22	60.59	60.40	60.17	0.15	0.18	0.20	0.19	0.22	0.24
23	58.18	58.04	58.04	0.20	0.23	0.26	0.23	0.27	0.30
24	61.02	61.42	61.63	0.26	0.29	0.33	0.29	0.34	0.38
25	51.88	51.00	50.13	0.35	0.40	0.44	0.38	0.43	0.48
26	35.75	35.25	34.71	0.50	0.56	0.63	0.52	0.59	0.66
27	23.28	22.86	22.39	0.82	0.92	1.04	0.80	0.91	1.02
28	11.48	11.15	10.81	2.04	2.31	2.61	1.91	2.17	2.45
29	3.08	3.12	3.16	10.23	11.21	12.32	9.46	10.28	11.17
30	1.44	1.56	1.68	28.87	27.73	26.71	26.26	25.67	25.04
100	0.37	0.39	0.41	15.81	16.08	16.22	15.83	16.08	16.20
200	0.35	0.39	0.41	15.40	15.28	15.39	15.71	15.57	15.69
300	0.32	0.37	0.41	17.29	17.04	16.80	17.73	17.59	17.42
400	0.36	0.41	0.45	16.38	16.41	16.56	16.38	16.48	16.74
500	0.39	0.45	0.49	16.23	16.11	16.14	16.00	15.89	15.94
600	0.40	0.47	0.52	16.89	16.70	16.47	16.59	16.39	16.14
800	0.42	0.50	0.57	18.93	18.67	18.26	19.12	18.88	18.49
960	0.48	0.57	0.64	18.64	18.38	18.36	19.33	19.13	19.20
1100	0.56	0.67	0.74	16.77	16.82	17.22	17.53	17.68	18.22
1200	0.63	0.74	0.82	16.08	16.41	16.93	16.46	16.86	17.44
1400	0.83	0.96	1.07	18.05	19.10	19.53	14.97	15.26	15.23
1600	1.05	1.24	1.38	15.66	15.42	15.50	13.92	13.72	13.64
1700	1.11	1.32	1.47	15.96	15.70	15.67	17.13	17.30	17.44
1890	1.71	2.01	2.22	18.52	17.84	17.93	17.14	16.87	16.89
1986	2.58	3.05	3.37	20.11	20.41	20.17	12.88	11.83	11.27
2146	19.40	20.00	20.35	5.70	6.10	6.39	0.52	0.63	0.70
2238	29.62	30.08	30.38	4.60	4.74	4.89	0.31	0.42	0.49
2400	49.46	50.15	50.73	2.89	2.96	3.08	0.22	0.32	0.39
2450	62.09	63.79	64.96	2.50	2.61	2.74	0.21	0.30	0.37
2800	52.21	52.47	52.70	1.70	1.98	2.18	0.17	0.26	0.32
3000	53.36	53.91	54.41	2.55	3.03	3.32	0.16	0.24	0.30
3200	56.28	56.99	57.23	5.26	5.52	5.63	0.15	0.23	0.28
3400	58.96	59.24	59.23	7.66	7.45	7.31	0.15	0.22	0.27
3600	60.49	60.61	60.88	10.15	10.08	9.96	0.15	0.22	0.27
3800	63.65	64.10	64.01	13.32	13.89	14.13	0.13	0.20	0.24
4000	66.38	66.03	66.25	16.93	18.01	18.20	0.12	0.20	0.23
4200	68.55	68.88	69.41	9.35	8.57	8.42	0.15	0.22	0.26
4400	72.84	73.77	73.48	5.01	4.79	4.75	0.14	0.21	0.26
4600	78.27	80.23	80.03	3.47	3.48	3.53	0.13	0.20	0.24
4800	86.50	82.79	82.28	3.09	3.32	3.45	0.15	0.23	0.28
5000	78.06	77.76	77.28	3.41	3.79	3.97	0.13	0.23	0.29
5200	73.79	73.17	73.82	4.42	4.92	5.13	0.11	0.20	0.25
5400	71.40	71.43	71.18	5.90	6.55	6.83	0.16	0.25	0.30
5600	68.79	68.92	69.06	7.52	8.28	8.73	0.15	0.26	0.33
6000	62.96	63.49	63.70	14.44	17.19	18.41	0.14	0.24	0.30
6500	57.51	58.06	58.39	10.49	10.64	10.91	0.09	0.22	0.30
7000	55.19	56.53	57.03	17.36	20.03	19.81	0.12	0.27	0.37
7500	57.81	58.65	58.48	8.99	9.17	9.35	0.24	0.42	0.55
8000	56.92	57.15	56.77	7.01	7.58	7.79	0.18	0.30	0.41

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
30	147.78	146.64	145.43
80	11.19	11.17	11.14
130	7.04	7.02	7.00
180	3.21	3.20	3.19
230	1.92	1.92	1.91
280	1.52	1.51	1.50
330	1.32	1.31	1.30
380	1.20	1.19	1.19
430	1.13	1.12	1.12
480	1.08	1.08	1.07
530	1.05	1.05	1.04
580	1.03	1.03	1.02
630	1.02	1.01	1.01
680	1.01	1.01	1.00
730	1.01	1.00	0.99
780	1.01	1.00	0.99
830	1.01	1.00	0.99
880	1.01	1.00	0.99
930	1.01	1.00	1.00
980	1.02	1.01	1.00
1030	1.02	1.02	1.01
1080	1.03	1.02	1.02
1130	1.04	1.03	1.03
1180	1.05	1.04	1.04
1230	1.06	1.06	1.05
1280	1.08	1.08	1.07
1330	1.10	1.09	1.09
1380	1.12	1.11	1.11
1430	1.14	1.13	1.13
1480	1.16	1.16	1.15
1530	1.20	1.19	1.19
1580	1.24	1.23	1.23
1630	1.29	1.29	1.28
1680	1.36	1.36	1.35
1730	1.44	1.44	1.44
1780	1.52	1.52	1.51
1830	1.61	1.61	1.60
1850	1.62	1.62	1.62
1860	1.72	1.72	1.71
1890	1.84	1.84	1.83