

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	90.46	87.69	94.25	0.00	0.00	0.00	0.00	0.00	0.00
5	76.32	76.63	76.59	0.00	0.00	0.00	0.00	0.00	0.00
25	62.68	62.54	62.65	0.00	0.00	0.00	0.01	0.01	0.01
50	56.81	56.77	56.90	0.00	0.00	0.00	0.02	0.04	0.04
75	53.77	53.76	53.73	0.00	0.01	0.01	0.05	0.07	0.07
100	51.97	51.95	51.90	0.00	0.01	0.01	0.08	0.11	0.13
125	51.17	51.22	51.19	0.01	0.02	0.02	0.14	0.18	0.20
150	51.33	51.42	51.46	0.02	0.03	0.03	0.22	0.26	0.29
175	52.62	52.80	52.93	0.03	0.04	0.04	0.31	0.36	0.38
200	55.31	55.48	55.73	0.04	0.06	0.06	0.37	0.43	0.46
225	58.73	58.79	58.96	0.06	0.08	0.07	0.39	0.46	0.49
250	59.33	59.35	59.54	0.09	0.10	0.10	0.37	0.44	0.48
280	53.81	53.74	53.73	0.12	0.14	0.13	0.33	0.40	0.45
300	49.37	49.35	49.27	0.15	0.17	0.16	0.31	0.39	0.43
325	45.22	45.27	45.26	0.19	0.22	0.21	0.31	0.39	0.44
365	56.81	57.29	57.16	0.30	0.34	0.34	0.40	0.50	0.55
385	33.07	32.56	32.09	0.40	0.45	0.47	0.52	0.64	0.70
388	30.74	30.27	29.84	0.42	0.48	0.50	0.55	0.67	0.74
390	29.28	28.83	28.42	0.43	0.50	0.52	0.57	0.69	0.76
400	22.67	22.27	21.91	0.54	0.63	0.66	0.69	0.84	0.93
403	20.83	20.44	20.09	0.59	0.69	0.73	0.75	0.91	1.00
410	16.71	16.33	15.99	0.76	0.89	0.96	0.93	1.13	1.25
425	8.56	8.28	7.99	1.88	2.17	2.40	2.05	2.42	2.70
430	6.23	6.02	5.79	2.84	3.25	3.61	2.99	3.48	3.88
438	3.34	3.31	3.21	5.77	6.43	7.12	5.79	6.53	7.21
440	2.83	2.84	2.77	6.87	7.61	8.40	6.83	7.63	8.39
450	1.37	1.51	1.56	15.64	16.82	18.57	14.37	15.36	16.49
470	0.91	1.05	1.12	18.41	18.85	18.74	18.40	19.07	19.29
670	0.67	0.81	0.89	18.30	18.74	19.14	17.66	17.84	18.09
870	1.48	1.88	2.20	21.31	21.94	19.41	21.31	23.05	21.81
890	3.36	4.43	5.36	7.44	6.32	5.42	7.48	6.27	5.40
900	6.26	7.60	8.73	3.55	3.27	2.98	3.52	3.15	2.86
910	10.14	11.53	12.67	1.93	1.96	1.91	1.84	1.80	1.73
920	14.35	15.68	16.79	1.27	1.40	1.43	1.13	1.19	1.20
932	19.46	20.73	21.79	0.95	1.10	1.16	0.76	0.86	0.89
940	22.90	24.15	25.20	0.84	1.00	1.06	0.63	0.73	0.77
955	29.65	30.94	32.05	0.75	0.89	0.97	0.49	0.58	0.62
965	34.72	36.14	37.39	0.72	0.86	0.94	0.43	0.53	0.57
975	40.90	42.67	44.30	0.69	0.84	0.92	0.39	0.48	0.52
1000	51.03	49.62	48.64	0.67	0.81	0.90	0.32	0.41	0.44
1200	50.33	50.31	50.62	0.52	0.74	0.85	0.18	0.27	0.29
1300	54.76	54.72	55.06	0.46	0.68	0.79	0.19	0.27	0.29
1400	57.99	58.01	58.17	0.44	0.64	0.76	0.21	0.29	0.31
1500	60.46	60.40	60.39	0.45	0.64	0.76	0.22	0.30	0.33
1600	62.45	62.36	62.06	0.45	0.64	0.76	0.24	0.32	0.35
1700	64.05	63.91	63.32	0.47	0.66	0.77	0.26	0.34	0.37
1800	65.80	65.43	64.32	0.47	0.67	0.79	0.28	0.36	0.39
1900	67.21	67.07	64.71	0.48	0.68	0.80	0.29	0.37	0.40
2000	68.92	68.70	65.97	0.49	0.70	0.82	0.30	0.38	0.42
2100	73.20	72.48	67.95	0.50	0.71	0.84	0.30	0.39	0.43
2200	62.76	61.94	67.48	0.51	0.73	0.86	0.32	0.42	0.48
2300	60.63	61.49	61.46	0.53	0.75	0.87	0.30	0.40	0.44
2400	64.00	64.45	63.10	0.54	0.77	0.89	0.30	0.40	0.44
2500	65.50	65.72	63.29	0.54	0.78	0.91	0.30	0.40	0.45
2600	65.54	66.44	63.11	0.55	0.79	0.92	0.29	0.40	0.45
2700	63.31	63.46	60.64	0.56	0.80	0.93	0.28	0.40	0.45
2800	45.42	48.24	51.25	0.72	0.92	1.02	0.29	0.41	0.46
2900	58.06	57.87	59.91	0.55	0.78	0.92	0.27	0.41	0.46
2950	56.77	56.13	57.47	0.54	0.77	0.91	0.28	0.41	0.47
3000	53.90	53.22	53.58	0.54	0.77	0.90	0.29	0.42	0.49

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
470	6.54	6.45	6.37
480	5.70	5.66	5.62
490	5.17	5.14	5.12
500	4.80	4.77	4.76
510	4.51	4.49	4.48
520	4.28	4.26	4.25
530	4.08	4.07	4.05
540	3.92	3.90	3.89
550	3.78	3.77	3.76
560	3.66	3.65	3.64
570	3.56	3.55	3.55
580	3.48	3.47	3.47
590	3.41	3.40	3.40
600	3.35	3.35	3.35
610	3.31	3.31	3.31
620	3.28	3.28	3.29
630	3.25	3.25	3.27
640	3.24	3.24	3.25
645	3.23	3.24	3.25
650	3.23	3.24	3.25
655	3.23	3.24	3.25
660	3.23	3.24	3.25
665	3.23	3.24	3.25
670	3.23	3.24	3.25
675	3.24	3.25	3.26
680	3.25	3.25	3.26
685	3.25	3.26	3.27
690	3.26	3.27	3.28
700	3.28	3.28	3.29
710	3.30	3.31	3.32
720	3.33	3.34	3.35
730	3.37	3.38	3.40
740	3.42	3.44	3.46
750	3.49	3.51	3.53
760	3.57	3.60	3.63
770	3.68	3.71	3.74
780	3.81	3.85	3.88
790	3.96	4.00	4.04
800	4.12	4.16	4.20
810	4.30	4.34	4.38
820	4.48	4.53	4.57
830	4.69	4.75	4.81
840	4.97	5.06	5.15
850	5.38	5.53	5.69
860	6.07	6.31	6.55
870	7.15	7.42	7.65