

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	93.18	99.95	100.83	0.01	0.00	0.01	0.00	0.00	0.00
10	99.49	112.27	105.90	0.01	0.01	0.01	0.00	0.00	0.00
50	72.96	72.78	72.75	0.03	0.04	0.05	0.00	0.01	0.01
100	55.17	55.09	55.05	0.09	0.12	0.14	0.01	0.02	0.02
150	45.22	45.27	45.27	0.21	0.25	0.27	0.03	0.05	0.05
300	45.30	45.49	45.66	0.33	0.42	0.47	0.31	0.35	0.36
385	45.85	43.39	40.74	1.30	1.64	1.85	1.25	1.57	1.80
387	40.83	36.12	33.39	1.45	1.84	2.09	1.36	1.74	2.02
389	32.32	28.73	26.57	1.64	2.11	2.44	1.52	1.98	2.32
390	28.63	25.46	23.51	1.78	2.30	2.68	1.63	2.13	2.53
393	19.26	16.93	15.45	2.41	3.25	3.92	2.16	2.94	3.59
402	3.38	3.52	3.60	21.59	27.76	25.56	14.30	16.08	16.80
404	2.66	2.92	3.05	26.62	21.99	20.39	17.12	17.14	17.27
405	2.44	2.72	2.86	21.82	19.94	19.23	17.13	17.06	17.30
410	1.81	2.07	2.20	18.28	19.10	19.90	17.46	18.48	19.75
500	0.64	0.79	0.88	20.47	20.22	20.10	20.14	19.99	19.79
550	0.66	0.79	0.87	17.16	17.75	17.91	16.44	16.99	17.00
598	0.64	0.79	0.86	18.00	18.99	19.97	18.30	19.52	20.68
600	0.64	0.79	0.86	18.13	19.10	20.12	18.49	19.73	20.96
650	0.66	0.84	0.94	20.65	20.43	20.66	22.65	22.86	23.28
700	0.80	1.02	1.15	20.12	19.82	19.49	20.72	20.44	19.91
785	2.26	2.89	3.37	21.15	21.03	20.37	18.06	18.02	17.58
790	2.79	3.63	4.34	28.96	24.01	20.01	18.08	17.52	16.32
792	3.15	4.16	5.04	24.98	18.88	15.65	16.62	15.15	13.60
810	20.23	22.71	24.83	2.07	2.24	2.27	1.93	2.16	2.23
811	21.77	24.27	26.41	1.93	2.12	2.16	1.82	2.05	2.13
816	30.30	32.95	35.21	1.49	1.69	1.77	1.43	1.67	1.77
817	32.26	34.92	37.15	1.43	1.63	1.71	1.38	1.62	1.72
818	34.31	36.96	39.08	1.38	1.58	1.65	1.34	1.57	1.67
820	38.78	41.07	42.36	1.28	1.48	1.56	1.26	1.49	1.59
825	44.16	43.27	42.60	1.11	1.30	1.38	1.11	1.33	1.43
830	41.08	41.12	41.07	0.99	1.16	1.24	1.02	1.22	1.32
850	42.60	43.21	43.51	0.72	0.87	0.94	0.81	0.98	1.06
900	48.27	48.40	48.07	0.46	0.57	0.63	0.65	0.78	0.86
920	47.54	47.75	47.36	0.41	0.51	0.57	0.63	0.75	0.82
925	47.35	47.55	47.21	0.39	0.50	0.56	0.62	0.75	0.82
930	47.21	47.39	47.04	0.38	0.49	0.54	0.62	0.74	0.81
950	46.77	46.98	46.61	0.35	0.44	0.50	0.60	0.72	0.80
975	46.75	46.93	46.57	0.31	0.40	0.46	0.57	0.70	0.78
1000	47.22	47.41	47.03	0.27	0.37	0.42	0.55	0.68	0.77
1025	48.15	48.35	47.89	0.25	0.34	0.39	0.53	0.67	0.77
1050	49.51	49.66	49.15	0.23	0.32	0.37	0.52	0.67	0.77
1075	51.19	51.35	50.69	0.21	0.31	0.35	0.50	0.66	0.77
1100	53.32	53.51	52.64	0.20	0.29	0.34	0.48	0.66	0.77
1125	55.84	56.12	54.99	0.19	0.28	0.33	0.47	0.65	0.77
1150	59.08	59.34	57.68	0.18	0.28	0.32	0.46	0.65	0.77
1175	63.49	63.79	61.14	0.17	0.27	0.31	0.45	0.65	0.77
1200	69.80	70.48	65.38	0.17	0.26	0.30	0.44	0.65	0.77
1225	76.68	81.27	71.68	0.16	0.26	0.30	0.44	0.65	0.77
1250	71.99	72.80	75.21	0.16	0.25	0.29	0.44	0.65	0.77
1275	68.31	68.68	73.22	0.16	0.25	0.29	0.44	0.66	0.78
1300	66.58	66.86	71.06	0.16	0.25	0.29	0.44	0.66	0.78
1325	66.30	66.68	70.42	0.16	0.25	0.29	0.44	0.67	0.80
1350	66.87	67.05	71.23	0.16	0.25	0.29	0.45	0.68	0.81
1375	69.25	69.21	74.03	0.16	0.25	0.29	0.45	0.68	0.81
1400	73.80	74.93	76.64	0.16	0.25	0.30	0.45	0.68	0.81
1425	85.94	81.89	71.65	0.16	0.26	0.30	0.46	0.69	0.82
1450	70.29	69.53	65.89	0.16	0.26	0.30	0.47	0.70	0.83
1500	58.66	58.68	57.48	0.17	0.26	0.30	0.48	0.71	0.84
1600	45.64	45.56	45.21	0.19	0.28	0.32	0.50	0.73	0.87

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(ns)		
	@-40°C	@+25°C	@+85°C
410	17.98	16.80	16.11
415	13.84	13.24	12.88
420	10.54	10.21	10.00
425	9.87	9.58	9.39
430	9.21	8.97	8.81
435	8.57	8.36	8.23
440	7.95	7.77	7.66
445	7.34	7.20	7.11
450	6.75	6.64	6.57
455	6.24	6.15	6.10
460	5.83	5.76	5.72
465	5.50	5.45	5.41
470	5.24	5.19	5.16
475	5.01	4.97	4.95
480	4.82	4.78	4.76
485	4.66	4.62	4.60
490	4.51	4.48	4.46
495	4.38	4.35	4.34
500	4.27	4.24	4.23
505	4.16	4.14	4.13
510	4.07	4.05	4.04
515	3.99	3.97	3.96
520	3.91	3.90	3.89
525	3.85	3.83	3.82
530	3.79	3.77	3.77
535	3.73	3.72	3.71
540	3.68	3.68	3.67
545	3.64	3.64	3.63
550	3.61	3.60	3.60
555	3.58	3.57	3.57
565	3.53	3.53	3.53
585	3.49	3.50	3.51
598	3.50	3.51	3.52
600	3.50	3.51	3.52
615	3.55	3.56	3.57
625	3.59	3.60	3.61
650	3.76	3.77	3.79
655	3.81	3.82	3.84
660	3.86	3.87	3.89
665	3.92	3.93	3.95
670	3.98	4.00	4.02
675	4.05	4.07	4.09
680	4.13	4.15	4.18
685	4.21	4.24	4.27
690	4.31	4.34	4.37
695	4.41	4.45	4.48
700	4.53	4.57	4.60
705	4.66	4.70	4.74
710	4.80	4.85	4.89
715	4.96	5.01	5.05
720	5.14	5.19	5.24
725	5.34	5.40	5.46
730	5.57	5.65	5.71
735	5.84	5.92	6.00
740	6.15	6.25	6.34
745	6.52	6.63	6.74
755	7.43	7.59	7.75
760	7.91	8.11	8.28
765	8.40	8.62	8.82
785	13.82	14.50	15.14