

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
0.5	0.03	0.04	0.05	50.39	47.58	45.87	50.35	47.53	45.83
1	0.03	0.04	0.05	50.03	47.34	45.64	49.91	47.22	45.56
20	0.05	0.07	0.07	44.02	42.98	41.75	44.49	43.53	42.11
28	0.06	0.08	0.08	42.02	41.71	40.63	42.44	42.39	41.14
50	0.08	0.10	0.11	38.44	38.93	38.87	38.62	39.31	39.22
100	0.12	0.15	0.17	34.24	32.30	31.02	33.97	31.94	30.90
102	0.13	0.16	0.17	34.09	31.98	30.63	33.79	31.67	30.54
150	0.16	0.20	0.23	29.14	25.76	23.80	28.94	25.67	23.81
200	0.22	0.27	0.31	22.94	21.50	20.15	22.81	21.42	20.11
216	0.24	0.30	0.34	21.27	20.52	19.53	21.21	20.48	19.53
240	0.26	0.32	0.36	19.32	19.41	19.06	19.33	19.43	19.06
260	0.31	0.36	0.39	18.24	18.86	19.07	18.26	18.90	19.10
280	0.33	0.39	0.42	17.72	18.80	19.54	17.75	18.87	19.58
300	0.35	0.40	0.43	17.80	19.28	20.56	17.89	19.42	20.71
320	0.35	0.41	0.45	18.74	20.52	22.48	18.87	20.75	22.81
340	0.36	0.43	0.47	20.79	22.84	25.74	21.02	23.25	26.48
360	0.36	0.45	0.51	24.78	27.01	31.18	25.34	28.03	33.56
400	0.44	0.54	0.62	26.77	26.51	25.54	26.68	26.30	25.04
424	0.52	0.64	0.72	21.80	22.78	23.13	21.40	22.10	22.09
450	0.60	0.74	0.83	23.76	26.60	29.75	22.10	23.28	23.57
460	0.65	0.81	0.92	30.02	37.11	34.71	24.23	24.35	23.10
470	0.73	0.92	1.06	29.52	25.28	22.11	22.98	21.09	19.10
474	0.78	0.98	1.13	24.03	21.37	19.12	20.76	18.97	17.17
478	0.85	1.07	1.24	20.18	18.36	16.64	18.33	16.82	15.29
480	0.89	1.12	1.31	18.60	17.05	15.53	17.16	15.81	14.42
490	1.24	1.52	1.75	12.65	11.89	11.03	12.10	11.35	10.48
500	1.87	2.21	2.50	8.58	8.21	7.72	8.30	7.91	7.40
510	2.88	3.26	3.60	5.70	5.54	5.30	5.53	5.37	5.09
520	4.29	4.69	5.05	3.73	3.71	3.61	3.62	3.59	3.47
540	8.05	8.45	8.78	1.62	1.71	1.74	1.59	1.67	1.68
550	10.14	10.51	10.82	1.12	1.22	1.28	1.10	1.20	1.24
560	12.26	12.61	12.90	0.80	0.91	0.98	0.80	0.90	0.95
570	14.37	14.70	14.97	0.59	0.70	0.77	0.60	0.71	0.76
580	16.45	16.75	17.00	0.44	0.56	0.63	0.47	0.57	0.63
590	18.47	18.78	19.00	0.35	0.46	0.53	0.38	0.48	0.54
600	20.42	20.73	20.94	0.27	0.38	0.45	0.31	0.41	0.46
620	24.21	24.47	24.66	0.18	0.28	0.35	0.22	0.32	0.38
630	26.03	26.30	26.48	0.14	0.25	0.31	0.19	0.28	0.34
640	27.84	28.09	28.27	0.11	0.22	0.29	0.17	0.26	0.32
650	29.64	29.91	30.06	0.09	0.20	0.26	0.16	0.25	0.30
700	37.87	38.11	38.26	0.02	0.12	0.19	0.08	0.16	0.22
800	52.15	52.44	52.59	0.02	0.09	0.16	0.02	0.11	0.18
850	57.69	58.17	58.20	0.02	0.08	0.16	0.01	0.11	0.17
900	61.87	61.13	61.52	0.01	0.10	0.18	0.00	0.10	0.18
950	64.36	64.33	64.67	0.00	0.12	0.19	0.00	0.11	0.18
1000	64.93	64.85	65.40	0.02	0.14	0.22	0.00	0.12	0.19
1050	66.00	65.85	65.38	0.04	0.16	0.24	0.02	0.14	0.21
1100	66.19	65.82	65.88	0.06	0.19	0.27	0.01	0.14	0.22
1150	66.20	66.34	65.75	0.09	0.22	0.31	0.03	0.16	0.24
1200	65.99	65.80	65.54	0.11	0.26	0.33	0.04	0.18	0.26
1250	65.69	65.10	66.23	0.16	0.29	0.38	0.06	0.19	0.29
1300	64.74	65.41	65.47	0.18	0.32	0.40	0.09	0.22	0.31
1350	65.37	64.82	65.45	0.23	0.36	0.45	0.09	0.23	0.32
1400	64.71	64.48	65.16	0.25	0.39	0.48	0.12	0.26	0.35
1500	64.00	64.12	63.83	0.31	0.46	0.55	0.16	0.30	0.39
1600	63.45	64.01	64.12	0.38	0.52	0.63	0.21	0.35	0.44
1700	63.72	63.49	64.69	0.43	0.58	0.69	0.24	0.39	0.49
1800	64.38	65.76	66.00	0.47	0.64	0.74	0.29	0.44	0.54
1900	70.21	70.93	70.55	0.50	0.68	0.80	0.33	0.48	0.58
2000	68.95	68.27	67.90	0.54	0.72	0.84	0.38	0.53	0.63

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(ns)		
	@-40°C	@+25°C	@+85°C
0.5	1.59	1.63	1.85
1	1.59	1.63	1.81
10	1.60	1.60	1.60
20	1.58	1.58	1.59
30	1.59	1.59	1.59
40	1.59	1.59	1.59
50	1.59	1.58	1.59
60	1.58	1.59	1.59
70	1.59	1.59	1.59
80	1.59	1.59	1.60
90	1.60	1.60	1.60
100	1.61	1.61	1.61
110	1.62	1.61	1.61
120	1.62	1.61	1.61
130	1.63	1.62	1.63
140	1.64	1.65	1.64
150	1.66	1.66	1.65
160	1.67	1.67	1.66
170	1.68	1.67	1.67
180	1.69	1.68	1.68
190	1.70	1.70	1.69
200	1.71	1.70	1.70
210	1.73	1.72	1.72
220	1.75	1.75	1.75
230	1.78	1.78	1.78
240	1.80	1.80	1.80
250	1.83	1.83	1.84
260	1.85	1.84	1.84
270	1.87	1.87	1.87
280	1.88	1.89	1.89
290	1.91	1.93	1.93
300	1.96	1.97	1.97
310	2.00	2.01	2.02
320	2.05	2.06	2.07
330	2.10	2.10	2.11
340	2.16	2.15	2.16
350	2.21	2.21	2.22
354	2.23	2.24	2.24
360	2.27	2.27	2.28
366	2.32	2.32	2.32
370	2.35	2.35	2.36
376	2.39	2.39	2.39
380	2.42	2.42	2.42
386	2.47	2.46	2.47
390	2.50	2.50	2.50
396	2.54	2.54	2.55
400	2.57	2.57	2.58
406	2.62	2.63	2.63
410	2.65	2.65	2.66
420	2.75	2.76	2.78
430	2.89	2.90	2.93
440	3.05	3.07	3.10
450	3.25	3.28	3.31
460	3.52	3.55	3.59
470	3.84	3.86	3.90