

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
100	93.98	93.61	97.01	0.02	0.00	0.00	0.00	0.00	0.01
120	94.10	101.09	98.23	0.02	0.01	0.00	0.01	0.00	0.00
140	90.84	93.50	95.24	0.02	0.01	0.01	0.01	0.01	0.00
160	87.88	87.49	91.71	0.02	0.01	0.00	0.01	0.01	0.00
180	82.90	83.81	81.05	0.02	0.01	0.00	0.01	0.01	0.00
200	77.27	77.18	77.65	0.02	0.01	0.00	0.01	0.01	0.00
220	69.65	69.21	69.13	0.02	0.01	0.00	0.01	0.00	0.01
253	51.87	51.88	51.83	0.01	0.00	0.01	0.00	0.01	0.01
277	30.54	30.36	30.32	-0.01	0.03	0.04	0.02	0.03	0.04
300	0.11	0.14	0.16	-37.97	36.93	36.49	40.24	38.34	37.73
323	0.10	0.12	0.14	-25.88	25.90	25.77	25.60	25.60	25.43
346	0.16	0.20	0.23	-25.83	26.53	25.68	25.74	26.34	25.50
352	3.42	3.97	4.09	-3.07	2.70	2.66	3.08	2.69	2.66
359	20.06	20.60	20.77	-0.11	0.14	0.15	0.12	0.13	0.16
393	65.75	65.90	66.08	0.01	0.01	0.02	0.00	0.01	0.03
400	71.71	72.18	71.98	0.01	0.00	0.02	0.01	0.01	0.03
420	85.60	83.29	84.33	0.02	0.00	0.01	0.01	0.00	0.02
440	94.84	95.67	91.52	0.02	0.00	0.01	0.01	0.00	0.02
460	97.97	96.45	98.75	0.02	0.00	0.01	0.01	0.00	0.02
480	101.57	98.49	108.15	0.02	0.00	0.01	0.01	0.00	0.02
500	103.17	93.18	95.06	0.02	0.00	0.01	0.01	0.00	0.02
540	90.33	103.84	96.07	0.02	0.00	0.01	0.01	0.01	0.03
560	105.41	103.07	94.19	0.02	0.01	0.02	0.01	0.01	0.03
580	94.33	99.27	102.05	0.02	0.01	0.02	0.01	0.01	0.03
600	109.40	97.63	97.23	0.02	0.00	0.02	0.01	0.01	0.03
620	112.77	97.27	101.46	0.02	0.00	0.01	0.01	0.01	0.03
640	100.73	99.06	105.94	0.02	0.00	0.01	0.01	0.01	0.03
660	102.47	95.76	107.41	0.03	0.00	0.01	0.01	0.01	0.03
680	101.51	96.01	101.83	0.03	0.00	0.01	0.01	0.01	0.03
700	104.97	100.66	96.34	0.03	0.00	0.01	0.01	0.01	0.03
720	113.61	104.67	100.49	0.03	0.00	0.01	0.01	0.01	0.03
740	99.21	104.86	100.11	0.03	0.00	0.02	0.01	0.01	0.03
760	112.31	100.88	113.27	0.03	0.00	0.02	0.01	0.02	0.04
780	103.57	95.83	98.02	0.02	0.01	0.02	0.01	0.02	0.04
800	101.38	97.30	101.83	0.02	0.01	0.02	0.01	0.02	0.04
820	99.32	104.37	105.96	0.02	0.01	0.02	0.01	0.02	0.04
840	115.38	105.23	102.38	0.02	0.01	0.03	0.01	0.02	0.04
860	100.49	103.83	104.31	0.02	0.01	0.03	0.00	0.02	0.04
880	104.41	98.04	93.18	0.02	0.01	0.03	0.00	0.02	0.05
900	110.07	107.12	110.14	0.03	0.01	0.02	0.01	0.02	0.04
950	100.34	105.89	101.87	0.03	0.01	0.02	0.01	0.02	0.04
1000	98.90	100.01	100.24	0.03	0.00	0.02	0.01	0.02	0.04
1050	102.08	98.23	96.20	0.03	0.01	0.03	0.01	0.02	0.05
1100	107.43	97.62	96.01	0.03	0.01	0.04	0.01	0.03	0.05
1150	98.02	107.31	97.91	0.02	0.02	0.04	0.01	0.03	0.06
1200	99.50	105.63	107.56	0.02	0.02	0.04	0.00	0.03	0.06
1250	98.24	95.95	93.38	0.03	0.01	0.04	0.01	0.03	0.06
1255	100.36	104.61	99.94	0.03	0.01	0.04	0.01	0.03	0.06
1300	106.40	95.39	96.14	0.03	0.02	0.04	0.01	0.03	0.06
1350	101.06	109.98	101.82	0.02	0.02	0.05	0.01	0.03	0.07
1380	104.06	98.63	99.25	0.02	0.02	0.05	0.00	0.03	0.07
1400	101.50	98.47	95.36	0.02	0.02	0.05	0.00	0.04	0.07
1420	100.69	93.92	96.25	0.02	0.02	0.05	0.00	0.03	0.07
1430	103.09	100.97	96.99	0.02	0.02	0.05	0.00	0.03	0.07
1450	94.88	96.26	98.21	0.02	0.02	0.05	0.01	0.03	0.07
1460	14.00	98.30	99.60	0.02	0.02	0.05	0.01	0.03	0.07
1470	102.30	93.91	100.94	0.02	0.02	0.05	0.01	0.03	0.07
1480	95.28	94.95	99.45	0.02	0.02	0.05	0.01	0.03	0.07
1490	101.05	93.28	102.34	0.02	0.02	0.05	0.01	0.03	0.07
1500	98.12	95.32	94.86	0.02	0.02	0.05	0.01	0.03	0.07

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
300.0	38.57	38.10	37.98
303.0	32.52	32.26	32.22
305.0	30.27	30.12	30.10
307.0	28.82	28.72	28.70
309.0	27.76	27.70	27.68
310.0	27.33	27.28	27.26
311.0	26.96	26.92	26.91
312.0	26.65	26.62	26.61
313.0	26.39	26.37	26.37
314.0	26.19	26.17	26.18
315.0	26.03	26.02	26.02
316.0	25.90	25.90	25.91
317.0	25.81	25.81	25.82
318.0	25.74	25.74	25.75
319.0	25.68	25.69	25.70
320.0	25.65	25.66	25.67
321.0	25.63	25.65	25.66
322.0	25.64	25.67	25.68
323.0	25.67	25.70	25.72
324.0	25.73	25.77	25.79
325.0	25.82	25.87	25.89
326.0	25.95	26.00	26.03
327.0	26.11	26.17	26.20
328.0	26.30	26.36	26.40
329.0	26.52	26.59	26.62
330.0	26.77	26.84	26.88
332.0	27.33	27.42	27.46
333.0	27.66	27.76	27.80
334.0	28.02	28.13	28.18
335.0	28.43	28.56	28.61
336.0	28.91	29.05	29.11
337.0	29.46	29.62	29.68
338.0	30.09	30.27	30.35
339.0	30.82	31.03	31.11
340.0	31.65	31.89	31.98
341.0	32.61	32.87	32.98
342.0	33.71	34.03	34.14
343.0	35.04	35.42	35.55
344.0	36.69	37.17	37.33
345.0	38.82	39.45	39.65
346.0	41.59	42.37	42.62