

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	99.50	107.46	100.73	0.07	0.06	0.06	0.01	0.01	0.01
10	100.70	95.19	102.86	0.05	0.05	0.05	0.21	0.21	0.21
100	62.81	62.79	62.85	0.04	0.07	0.07	0.52	0.57	0.60
120	56.29	56.22	56.16	0.06	0.09	0.09	0.46	0.51	0.54
140	50.11	50.04	50.01	0.09	0.14	0.14	0.48	0.55	0.59
150	47.35	47.29	47.23	0.11	0.16	0.17	0.56	0.65	0.70
180	42.67	42.72	42.80	0.21	0.27	0.29	1.08	1.23	1.31
200	47.79	47.83	48.23	0.34	0.41	0.43	1.11	1.24	1.33
220	51.26	49.91	49.99	0.59	0.68	0.72	1.10	1.26	1.37
228	31.01	30.48	30.26	0.80	0.92	0.98	1.36	1.58	1.73
229	28.98	28.49	28.26	0.84	0.96	1.03	1.42	1.65	1.81
230	27.01	26.55	26.32	0.88	1.01	1.08	1.49	1.73	1.89
233	21.37	20.98	20.77	1.07	1.22	1.32	1.78	2.06	2.27
235	17.80	17.47	17.28	1.27	1.45	1.56	2.08	2.41	2.65
240	9.74	9.59	9.51	2.47	2.80	3.02	3.71	4.24	4.62
245	4.31	4.41	4.48	6.35	6.91	7.28	8.28	9.05	9.58
246	3.68	3.81	3.90	7.59	8.18	8.56	9.66	10.46	10.99
247	3.18	3.34	3.44	8.95	9.57	9.96	11.16	11.96	12.47
250	2.27	2.46	2.59	13.44	14.09	14.45	15.80	16.49	16.85
255	1.71	1.89	2.02	19.42	19.75	19.79	20.77	20.96	20.94
260	1.49	1.67	1.78	20.67	20.75	20.56	21.01	21.02	20.92
275	1.21	1.37	1.46	22.35	23.05	23.37	20.82	21.37	21.57
300	1.13	1.29	1.38	22.52	22.71	23.05	23.78	24.28	24.90
325	1.35	1.54	1.67	26.61	26.45	26.17	30.80	30.26	30.14
340	1.92	2.19	2.37	20.15	20.25	20.51	18.98	18.74	18.70
350	3.77	4.36	4.82	13.89	13.06	12.50	11.65	10.83	10.23
355	9.01	9.93	10.61	4.41	4.45	4.47	3.75	3.71	3.67
360	17.56	18.49	19.19	2.15	2.33	2.44	1.71	1.82	1.89
361	19.38	20.30	21.00	1.97	2.16	2.26	1.55	1.67	1.73
365	26.73	27.63	28.32	1.55	1.73	1.84	1.16	1.28	1.35
366	28.59	29.48	30.16	1.49	1.67	1.77	1.10	1.22	1.29
367	30.45	31.34	32.03	1.44	1.62	1.72	1.05	1.16	1.23
370	36.08	36.96	37.67	1.33	1.50	1.59	0.93	1.04	1.11
380	51.36	51.78	52.08	1.15	1.31	1.39	0.70	0.81	0.86
400	45.79	45.80	45.82	1.00	1.14	1.21	0.50	0.59	0.63
420	44.36	44.45	44.51	0.84	0.97	1.04	0.39	0.47	0.51
450	46.85	47.01	47.04	0.59	0.71	0.77	0.28	0.36	0.39
500	53.98	54.18	54.19	0.38	0.48	0.53	0.18	0.26	0.28
600	71.53	72.14	71.92	0.38	0.48	0.52	0.07	0.15	0.17
800	78.23	77.00	77.16	0.42	0.53	0.58	0.03	0.06	0.09
1000	79.16	79.91	81.00	0.23	0.35	0.39	0.05	0.04	0.07
1200	94.32	105.16	90.31	0.12	0.25	0.30	0.05	0.05	0.09
1400	78.46	79.42	78.85	0.11	0.23	0.28	0.06	0.05	0.08
1600	80.31	79.56	77.38	0.13	0.27	0.31	0.05	0.06	0.09
1800	65.37	68.51	72.48	0.17	0.32	0.34	0.04	0.07	0.11
2000	65.14	63.31	62.17	0.15	0.35	0.35	0.04	0.07	0.12
2200	52.45	51.73	52.14	0.19	0.44	0.41	0.06	0.07	0.11
2400	61.03	56.28	55.70	0.16	0.49	0.45	0.08	0.04	0.08
2600	58.09	56.55	52.03	0.18	0.55	0.47	0.11	0.04	0.07
2800	44.22	45.37	55.30	0.27	0.64	0.53	0.11	0.05	0.10
3000	45.93	46.87	48.30	0.27	0.60	0.57	0.13	0.02	0.08
3100	53.02	68.01	59.72	0.29	0.57	0.57	0.15	0.01	0.11
3200	51.62	52.65	50.94	0.27	0.54	0.55	0.18	0.02	0.06
3300	56.49	52.26	48.52	0.27	0.52	0.55	0.14	0.01	0.10
3400	55.30	52.31	46.07	0.28	0.49	0.53	0.03	0.22	0.27
3500	50.37	51.63	52.71	0.26	0.47	0.54	0.17	0.02	0.09
3600	47.83	50.73	53.20	0.23	0.49	0.48	0.11	0.09	0.22
3700	50.66	54.88	52.45	0.18	0.40	0.43	0.15	0.04	0.20
3800	53.38	50.98	55.83	0.13	0.34	0.39	0.03	0.13	0.19
4000	45.93	45.03	54.12	0.13	0.35	0.41	0.07	0.18	0.28

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
260	17.24	17.09	16.99
262	16.36	16.23	16.15
264	15.62	15.53	15.45
266	15.02	14.94	14.88
268	14.49	14.44	14.38
270	14.06	14.01	13.97
272	13.67	13.64	13.60
274	13.35	13.31	13.29
276	13.07	13.05	13.02
278	12.84	12.82	12.80
280	12.62	12.60	12.59
282	12.44	12.43	12.41
284	12.28	12.26	12.24
286	12.14	12.13	12.12
288	12.02	12.01	12.01
290	11.92	11.92	11.92
292	11.85	11.85	11.85
294	11.79	11.79	11.80
296	11.77	11.77	11.77
298	11.76	11.76	11.77
300	11.77	11.78	11.80
302	11.80	11.81	11.82
304	11.86	11.88	11.89
306	11.93	11.95	11.96
308	12.02	12.04	12.06
310	12.13	12.16	12.18
311	12.18	12.21	12.24
312	12.26	12.30	12.32
313	12.33	12.37	12.39
314	12.42	12.46	12.48
315	12.52	12.55	12.58
316	12.62	12.65	12.69
317	12.71	12.75	12.78
318	12.82	12.87	12.90
319	12.96	13.00	13.04
320	13.08	13.14	13.18
321	13.21	13.27	13.32
322	13.37	13.43	13.49
323	13.53	13.61	13.65
324	13.72	13.79	13.85
325	13.90	13.98	14.04
326	14.13	14.22	14.28
327	14.34	14.42	14.49
328	14.59	14.68	14.75
329	14.85	14.95	15.03
330	15.12	15.24	15.33
334	16.44	16.59	16.70
336	17.24	17.41	17.55
338	18.21	18.41	18.56
339	18.75	18.98	19.16
340	19.39	19.63	19.83