

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	106.22	104.01	91.18	0.16	0.22	0.26	0.15	0.22	0.26
50.0	82.38	80.83	82.22	0.28	0.32	0.35	0.27	0.32	0.35
150.0	88.07	93.58	89.24	0.10	0.13	0.14	0.06	0.12	0.15
250.0	60.62	59.94	59.24	0.10	0.15	0.18	0.06	0.15	0.19
260.0	53.00	52.22	51.62	0.14	0.20	0.24	0.10	0.20	0.25
265.0	48.78	47.96	47.19	0.17	0.24	0.29	0.13	0.25	0.30
270.0	44.08	43.21	42.37	0.22	0.31	0.37	0.18	0.31	0.38
272.0	42.07	41.15	40.28	0.24	0.34	0.41	0.21	0.35	0.43
274.0	39.96	38.95	38.08	0.27	0.38	0.46	0.24	0.40	0.48
275.0	38.85	37.84	36.91	0.30	0.41	0.50	0.26	0.42	0.52
276.0	37.70	36.67	35.73	0.31	0.44	0.53	0.28	0.46	0.55
278.0	35.34	34.25	33.24	0.36	0.51	0.62	0.33	0.53	0.64
280.0	32.83	31.67	30.59	0.43	0.60	0.73	0.40	0.62	0.76
284.0	27.26	25.94	24.72	0.63	0.89	1.10	0.61	0.93	1.15
286.0	24.15	22.75	21.45	0.80	1.14	1.43	0.79	1.19	1.50
288.0	20.79	19.31	17.97	1.06	1.53	1.97	1.06	1.61	2.06
290.0	17.15	15.65	14.31	1.49	2.21	2.92	1.52	2.32	3.06
294.0	9.45	8.46	7.72	4.02	6.17	8.33	4.15	6.52	8.84
296.0	6.23	5.98	5.78	7.77	11.38	14.47	8.08	12.21	15.83
298.0	4.31	4.66	4.80	15.14	18.30	19.18	16.24	20.49	20.93
300.0	3.48	4.07	4.33	20.88	19.20	19.26	22.67	20.20	20.02
301.0	3.28	3.89	4.18	20.19	19.21	19.66	21.12	19.94	20.39
302.0	3.13	3.76	4.06	19.95	19.72	20.31	20.66	20.45	21.13
303.0	3.01	3.65	3.97	20.47	20.52	20.86	21.27	21.36	21.79
304.0	2.92	3.57	3.90	21.41	21.13	20.95	22.47	22.07	21.88
305.0	2.85	3.50	3.85	21.99	21.08	20.59	23.24	21.95	21.34
306.0	2.81	3.47	3.81	21.56	20.46	20.07	22.59	21.11	20.63
307.0	2.77	3.44	3.79	20.42	19.70	19.71	21.11	20.18	20.15
308.0	2.75	3.42	3.78	19.29	19.15	19.65	19.75	19.58	20.05
309.0	2.73	3.40	3.77	18.54	18.98	19.95	18.90	19.45	20.43
310.0	2.72	3.40	3.79	18.28	19.22	20.54	18.64	19.85	21.25
311.0	2.72	3.41	3.81	18.52	19.80	21.15	19.01	20.83	22.33
311.5	2.72	3.42	3.83	18.82	20.17	21.32	19.44	21.51	22.78
312.0	2.72	3.43	3.84	19.23	20.52	21.31	20.06	22.31	23.05
313.0	2.73	3.46	3.90	20.29	20.91	20.65	21.87	23.74	22.56
314.0	2.75	3.51	3.98	21.24	20.51	19.45	24.21	23.79	21.03
315.0	2.79	3.58	4.07	21.23	19.42	18.24	25.30	22.10	19.35
316.0	2.84	3.66	4.18	20.00	18.17	17.36	23.17	19.99	17.98
317.0	2.91	3.76	4.31	18.37	17.23	17.03	20.37	18.34	17.10
318.0	3.00	3.88	4.47	17.03	16.83	17.43	18.21	17.26	16.67
319.0	3.09	4.03	4.68	16.26	17.18	18.78	16.84	16.74	16.50
320.0	3.20	4.21	4.98	16.23	18.57	20.93	16.18	16.59	16.03
324.0	4.23	6.21	7.89	19.83	12.33	9.05	13.71	9.87	7.64
326.0	5.90	8.54	10.59	9.51	6.82	5.41	7.93	5.87	4.75
328.0	8.65	11.56	13.68	5.08	4.13	3.54	4.41	3.66	3.18
330.0	11.95	14.76	16.78	3.05	2.77	2.52	2.68	2.50	2.30
334.0	18.44	20.79	22.49	1.51	1.56	1.53	1.33	1.45	1.44
336.0	21.35	23.48	25.05	1.18	1.27	1.28	1.04	1.18	1.21
338.0	24.01	25.98	27.42	0.96	1.06	1.09	0.84	1.00	1.04
340.0	26.47	28.28	29.62	0.81	0.92	0.95	0.71	0.87	0.91
342.0	28.75	30.43	31.68	0.69	0.80	0.83	0.61	0.76	0.81
400.0	62.76	63.53	63.85	0.14	0.18	0.21	0.07	0.18	0.22
500.0	84.09	91.10	85.63	0.07	0.12	0.14	0.00	0.11	0.15
1000.0	92.64	96.78	93.68	0.08	0.16	0.19	0.04	0.15	0.22
1100.0	86.98	100.77	100.03	0.10	0.18	0.21	0.03	0.17	0.23
1200.0	82.75	86.94	84.79	0.10	0.18	0.22	0.03	0.18	0.25
1300.0	78.55	75.58	78.58	0.12	0.21	0.25	0.02	0.20	0.27
1400.0	71.57	74.15	72.59	0.13	0.22	0.26	0.02	0.20	0.28
1500.0	84.36	78.47	80.52	0.14	0.23	0.28	0.01	0.22	0.30
1600.0	72.09	71.26	70.88	0.15	0.25	0.30	0.01	0.23	0.32
1700.0	71.75	70.86	71.56	0.15	0.25	0.31	0.01	0.24	0.34
1800.0	80.47	81.03	76.48	0.17	0.27	0.33	0.01	0.26	0.36
1900.0	75.62	76.62	72.24	0.17	0.28	0.35	0.01	0.25	0.38
2000.0	84.51	75.14	82.66	0.18	0.29	0.36	0.01	0.26	0.40
2200.0	63.13	61.28	56.97	0.19	0.31	0.39	0.01	0.29	0.48
2250.0	53.00	55.29	55.20	0.20	0.32	0.40	0.02	0.32	0.51

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
300.0	41.41	38.47	36.68
300.5	40.10	37.51	35.96
301.0	38.94	36.67	35.30
301.5	37.86	35.93	34.75
302.0	36.88	35.24	34.20
302.5	36.14	34.69	33.77
303.0	35.42	34.11	33.31
303.5	34.80	33.66	32.95
304.0	34.25	33.29	32.59
304.5	33.78	32.86	32.27
305.0	33.36	32.55	32.00
305.5	32.99	32.24	31.80
306.0	32.57	31.95	31.53
306.5	32.24	31.69	31.32
307.0	31.93	31.43	31.20
307.5	31.62	31.24	31.03
307.8	31.46	31.13	30.97
308.0	31.35	31.06	30.94
308.5	31.16	30.95	30.88
309.0	30.98	30.84	30.87
309.5	30.78	30.76	30.80
310.0	30.69	30.70	30.85
310.3	30.65	30.71	30.85
310.5	30.62	30.69	30.89
310.8	30.63	30.75	30.92
311.0	30.57	30.66	30.85
311.3	30.58	30.76	30.95
311.5	30.54	30.79	30.96
311.8	30.55	30.78	31.00
312.0	30.57	30.82	31.06
312.3	30.64	30.86	31.11
312.5	30.68	30.91	31.21
312.8	30.71	31.01	31.27
313.0	30.75	31.05	31.31
313.3	30.75	31.05	31.36
313.5	30.85	31.12	31.45
313.8	30.85	31.19	31.54
314.0	30.89	31.24	31.62
314.3	31.01	31.36	31.73
314.5	31.06	31.42	31.87
314.8	31.12	31.51	31.96
315.0	31.19	31.58	32.06
315.3	31.22	31.65	32.20
315.5	31.35	31.79	32.34
315.8	31.38	31.87	32.50
316.0	31.46	32.05	32.72
316.3	31.53	32.12	32.86
316.5	31.63	32.30	33.11
316.8	31.71	32.42	33.33
317.0	31.79	32.58	33.53
317.3	31.88	32.78	33.81
317.5	32.04	33.01	34.17
317.8	32.19	33.21	34.49
318.0	32.31	33.45	34.78
318.3	32.51	33.73	35.19
318.5	32.65	34.07	35.52
318.8	32.89	34.36	35.93
319.0	33.06	34.68	36.30
319.3	33.32	35.05	36.76
319.5	33.57	35.43	37.13
319.8	33.91	35.85	37.57
320.0	34.25	36.30	38.01