

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
1.0	99.81	97.62	93.29	0.05	0.05	0.05	0.05	0.05	0.05
10.0	72.33	72.68	72.36	0.04	0.04	0.04	0.04	0.04	0.04
50.0	61.85	61.90	61.81	0.02	0.03	0.03	0.02	0.02	0.03
60.0	60.26	60.24	60.17	0.02	0.02	0.03	0.02	0.03	0.03
80.0	57.84	57.79	57.73	0.01	0.03	0.03	0.01	0.02	0.03
100.0	55.94	55.91	55.87	0.01	0.03	0.03	0.01	0.02	0.03
120.0	54.27	54.29	54.28	0.01	0.04	0.05	0.01	0.03	0.04
140.0	52.63	52.72	52.73	0.02	0.04	0.05	0.02	0.04	0.04
160.0	50.92	51.05	51.09	0.03	0.05	0.06	0.02	0.04	0.05
180.0	49.08	49.24	49.28	0.04	0.06	0.07	0.03	0.05	0.06
200.0	47.01	47.16	47.24	0.05	0.07	0.08	0.04	0.06	0.07
220.0	44.63	44.77	44.86	0.06	0.08	0.09	0.05	0.07	0.08
230.0	43.30	43.43	43.52	0.07	0.09	0.10	0.06	0.08	0.08
240.0	41.87	41.98	42.06	0.07	0.09	0.10	0.06	0.08	0.09
260.0	38.63	38.68	38.74	0.09	0.11	0.12	0.08	0.10	0.11
280.0	34.78	34.75	34.77	0.10	0.14	0.15	0.09	0.12	0.13
300.0	30.12	30.00	29.96	0.13	0.17	0.19	0.12	0.15	0.17
310.0	27.42	27.25	27.16	0.16	0.20	0.22	0.14	0.18	0.20
330.0	21.01	20.76	20.58	0.25	0.32	0.36	0.23	0.28	0.32
350.0	13.79	13.54	13.30	0.61	0.73	0.83	0.55	0.67	0.76
375.0	3.44	3.43	3.35	5.64	6.11	6.69	5.38	5.83	6.38
400.0	0.74	0.87	0.97	37.76	34.57	29.41	33.67	36.94	33.29
475.0	0.68	0.82	0.92	27.49	26.11	23.46	27.60	26.28	23.76
500.0	0.75	0.90	1.00	23.24	24.35	25.06	24.15	26.10	28.46
520.0	0.84	1.00	1.12	23.40	22.83	21.75	23.81	23.33	22.00
550.0	1.14	1.35	1.51	16.69	16.58	16.38	15.92	15.56	15.05
580.0	2.60	3.02	3.38	13.60	12.92	12.30	12.10	11.41	10.67
615.0	20.18	21.07	21.87	0.59	0.70	0.75	1.74	1.96	2.12
627.5	29.89	30.80	31.62	0.36	0.46	0.51	0.91	1.06	1.14
650.0	45.46	46.26	47.02	0.22	0.30	0.34	0.39	0.50	0.55
900.0	71.78	71.49	71.54	0.01	0.05	0.07	0.00	0.05	0.07
1000.0	69.53	69.38	69.38	0.01	0.03	0.05	0.02	0.02	0.04
1200.0	69.33	69.52	69.55	0.03	0.02	0.04	0.04	0.00	0.03
1300.0	70.70	70.56	70.76	0.04	0.01	0.04	0.06	0.00	0.02
1700.0	61.57	61.57	61.39	0.04	0.08	0.15	0.05	0.06	0.12
1750.0	60.86	60.94	60.86	0.04	0.09	0.17	0.05	0.07	0.14
1800.0	64.14	64.28	64.18	0.03	0.11	0.20	0.04	0.09	0.17
1850.0	66.31	66.58	66.88	0.02	0.13	0.22	0.04	0.10	0.19
1900.0	65.72	65.95	66.39	0.01	0.15	0.26	0.03	0.12	0.22
1950.0	65.37	65.54	65.41	0.01	0.17	0.28	0.02	0.14	0.25
2000.0	64.71	64.75	64.83	0.01	0.20	0.32	0.02	0.16	0.28
2060.0	65.02	65.06	65.25	0.02	0.23	0.36	0.00	0.19	0.32
2120.0	64.10	64.24	64.37	0.04	0.26	0.40	0.01	0.22	0.36
2180.0	64.34	64.65	65.24	0.05	0.29	0.45	0.03	0.25	0.41
2240.0	64.05	64.58	65.11	0.07	0.32	0.49	0.04	0.28	0.45
2300.0	63.86	64.42	65.07	0.08	0.35	0.53	0.05	0.31	0.48
2360.0	64.12	64.74	65.31	0.10	0.38	0.56	0.07	0.34	0.52
2420.0	64.33	65.10	65.69	0.11	0.40	0.59	0.08	0.36	0.55
2480.0	64.38	65.15	65.75	0.13	0.43	0.63	0.10	0.38	0.58
2540.0	65.35	66.12	67.12	0.14	0.45	0.65	0.11	0.40	0.60
2600.0	65.55	66.63	67.97	0.15	0.46	0.66	0.12	0.42	0.62
2700.0	67.23	68.55	69.94	0.16	0.48	0.68	0.13	0.44	0.64
2720.0	67.51	68.87	70.17	0.16	0.47	0.68	0.14	0.44	0.64
3000.0	73.87	75.77	79.32	0.14	0.46	0.64	0.12	0.43	0.61
3300.0	87.81	86.72	87.06	0.10	0.39	0.54	0.08	0.37	0.53
3600.0	71.38	69.88	67.82	0.03	0.30	0.45	0.01	0.28	0.44
3700.0	68.58	67.82	66.28	0.01	0.27	0.42	0.01	0.26	0.42
3800.0	65.21	63.90	63.08	0.00	0.27	0.41	0.03	0.24	0.39
4000.0	57.89	57.26	56.26	0.02	0.24	0.42	0.05	0.21	0.38
5000.0	41.08	40.87	43.40	0.05	0.32	0.44	0.13	0.36	0.41

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
400.0	9.85	9.76	9.68
402.5	9.57	9.50	9.43
405.0	9.33	9.26	9.21
407.5	9.12	9.06	9.01
410.0	8.94	8.89	8.85
412.5	8.78	8.74	8.70
415.0	8.65	8.61	8.57
417.5	8.53	8.49	8.46
420.0	8.41	8.39	8.35
422.5	8.32	8.29	8.27
425.0	8.23	8.21	8.19
427.5	8.14	8.13	8.11
430.0	8.07	8.07	8.06
432.5	8.01	8.01	8.01
435.0	7.96	7.96	7.96
437.5	7.92	7.93	7.93
440.0	7.89	7.90	7.91
442.5	7.86	7.88	7.89
445.0	7.85	7.87	7.88
447.5	7.85	7.86	7.88
450.0	7.84	7.86	7.88
452.5	7.85	7.86	7.88
455.0	7.86	7.87	7.89
457.5	7.87	7.88	7.89
460.0	7.88	7.89	7.90
462.5	7.90	7.90	7.91
465.0	7.91	7.91	7.92
467.5	7.92	7.92	7.93
470.0	7.94	7.94	7.94
472.5	7.95	7.95	7.95
475.0	7.96	7.96	7.97
477.5	7.98	7.98	7.99
480.0	8.00	8.00	8.01
482.5	8.02	8.03	8.04
485.0	8.05	8.06	8.07
487.5	8.08	8.09	8.11
490.0	8.11	8.13	8.15
492.5	8.15	8.17	8.20
495.0	8.20	8.22	8.25
497.5	8.24	8.27	8.30
500.0	8.30	8.33	8.36
502.5	8.36	8.39	8.42
505.0	8.43	8.45	8.48
507.5	8.49	8.52	8.55
510.0	8.57	8.59	8.62
512.5	8.64	8.67	8.70
515.0	8.72	8.75	8.78
517.5	8.80	8.83	8.86
520.0	8.89	8.92	8.96
522.5	8.99	9.02	9.06
550.0	10.48	10.55	10.63