

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
0.30	91.23	93.23	86.97	0.01	0.02	0.02	0.03	0.02	0.03
0.32	103.17	91.33	91.46	0.02	0.02	0.03	0.03	0.03	0.03
0.50	91.26	88.76	95.43	0.02	0.02	0.03	0.03	0.03	0.04
1.00	90.11	94.61	93.81	0.08	0.09	0.10	0.09	0.10	0.12
1.20	67.54	67.76	68.24	0.16	0.18	0.21	0.17	0.19	0.22
1.30	52.61	52.52	52.64	0.24	0.27	0.31	0.25	0.28	0.32
1.40	35.96	35.93	36.03	0.44	0.49	0.55	0.43	0.48	0.54
1.50	15.26	15.31	15.55	1.69	1.84	2.00	1.51	1.64	1.79
1.60	3.28	3.46	3.70	7.81	7.94	8.11	7.47	7.58	7.72
1.70	1.65	1.78	1.95	23.17	22.89	22.33	24.53	24.15	23.44
1.80	1.50	1.59	1.72	12.47	12.56	12.67	12.44	12.54	12.64
2.00	0.93	0.99	1.08	29.02	29.33	29.38	26.84	26.94	26.86
2.10	0.82	0.87	0.95	27.53	27.63	27.74	27.30	27.41	27.49
2.30	0.69	0.73	0.79	29.32	29.68	29.73	29.72	30.19	30.29
2.40	0.63	0.68	0.73	39.45	39.09	38.81	39.59	39.44	39.15
2.60	0.57	0.60	0.65	27.41	27.42	27.52	27.56	27.57	27.67
2.80	0.51	0.54	0.58	28.91	29.17	29.33	29.10	29.40	29.56
2.90	0.48	0.51	0.55	33.53	34.05	34.25	33.42	33.96	34.15
3.00	0.46	0.49	0.53	43.55	43.21	42.53	38.90	38.70	38.37
4.00	0.35	0.37	0.40	26.65	26.83	26.98	26.74	26.92	27.07
5.00	0.30	0.32	0.34	27.16	26.79	26.67	26.86	26.48	26.36
6.00	0.28	0.30	0.31	25.72	25.60	25.63	25.72	25.61	25.65
7.00	0.26	0.27	0.29	41.41	40.32	39.47	44.06	42.49	41.35
10.00	0.28	0.28	0.30	26.71	26.82	26.95	26.22	26.23	26.27
11.00	0.28	0.28	0.30	32.70	32.85	33.10	32.77	33.17	33.48
12.00	0.29	0.30	0.32	29.79	29.27	28.93	30.89	30.47	30.17
13.00	0.31	0.32	0.33	26.52	26.16	25.87	27.06	26.67	26.39
16.00	0.35	0.36	0.37	33.03	32.33	32.08	32.78	32.46	32.28
18.00	0.43	0.43	0.44	21.53	21.23	21.02	21.59	21.35	21.16
20.00	0.46	0.46	0.47	26.54	26.52	26.28	26.75	26.70	26.44
23.00	0.66	0.66	0.68	16.84	16.57	16.45	16.83	16.61	16.51
26.00	0.77	0.76	0.77	24.84	25.36	25.42	24.53	24.89	24.84
27.00	0.85	0.84	0.86	34.02	32.52	31.94	32.66	31.70	31.22
28.00	0.98	0.97	0.99	26.42	26.22	25.95	29.78	29.34	28.83
30.00	1.54	1.54	1.57	16.64	16.78	16.96	17.27	17.49	17.73
31.00	2.47	2.63	2.72	14.04	12.45	12.01	15.58	13.55	12.99
31.20	3.15	3.43	3.57	9.82	8.58	8.28	10.52	9.15	8.80
31.40	4.19	4.63	4.81	6.76	5.87	5.66	7.16	6.22	6.01
32.10	10.23	10.98	11.24	2.07	1.85	1.81	2.21	2.00	1.98
33.10	19.78	20.51	20.75	0.83	0.78	0.78	0.89	0.88	0.90
33.60	23.97	24.66	24.89	0.65	0.62	0.63	0.70	0.70	0.72
34.00	27.04	27.70	27.92	0.57	0.55	0.55	0.61	0.62	0.64
34.40	29.89	30.51	30.73	0.50	0.49	0.50	0.54	0.56	0.58
35.10	34.40	34.97	35.18	0.43	0.43	0.43	0.46	0.48	0.51
36.10	39.96	40.48	40.65	0.37	0.37	0.37	0.39	0.41	0.44
38.00	48.26	48.71	48.86	0.31	0.30	0.31	0.32	0.34	0.36
40.00	54.39	54.67	54.90	0.27	0.27	0.28	0.28	0.30	0.32
45.00	64.53	64.66	65.04	0.22	0.22	0.23	0.21	0.23	0.25
50.00	70.93	71.57	71.58	0.19	0.19	0.20	0.18	0.19	0.21
60.00	79.64	79.36	80.06	0.16	0.17	0.17	0.15	0.16	0.18
75.00	90.56	96.51	94.81	0.15	0.16	0.16	0.14	0.14	0.16
100.00	106.09	101.49	102.96	0.15	0.16	0.16	0.13	0.13	0.14
200.00	104.43	101.29	101.04	0.16	0.19	0.20	0.12	0.14	0.14
400.00	89.85	92.76	89.79	0.19	0.25	0.28	0.17	0.21	0.23
500.00	83.41	80.16	80.15	0.21	0.29	0.33	0.36	0.45	0.50
800.00	68.50	68.09	67.99	0.33	0.48	0.57	0.97	0.97	0.97
1000.00	62.35	61.65	61.36	0.52	0.73	0.89	0.50	0.56	0.60
1200.00	55.86	55.64	55.49	0.90	1.25	1.55	0.45	0.53	0.57
1500.00	48.42	47.36	46.66	2.11	2.44	2.71	0.47	0.56	0.61
1600.00	43.40	42.23	41.48	2.45	2.64	2.86	0.49	0.58	0.63

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
3.00	399.59	399.61	399.65
4.00	268.42	268.38	268.40
5.00	186.49	186.50	186.51
6.00	145.46	145.49	145.51
7.00	122.29	122.36	122.38
8.00	107.53	107.59	107.63
9.00	97.81	97.90	97.94
10.00	91.42	91.53	91.57
11.40	85.57	85.68	85.76
11.50	85.23	85.37	85.40
11.60	84.92	85.05	85.09
11.70	84.60	84.75	84.78
11.80	84.32	84.43	84.48
11.90	84.04	84.14	84.20
12.00	83.74	83.85	83.91
12.10	83.42	83.54	83.61
12.20	83.19	83.32	83.36
12.30	82.95	83.05	83.13
12.40	82.65	82.82	82.84
12.50	82.45	82.58	82.61
12.60	82.22	82.35	82.38
12.70	81.99	82.12	82.16
12.80	81.78	81.92	81.96
12.90	81.60	81.73	81.75
13.00	81.41	81.53	81.59
13.10	81.21	81.34	81.37
13.20	81.06	81.18	81.22
13.30	80.87	81.02	81.05
13.40	80.73	80.86	80.91
13.50	80.59	80.73	80.76
13.60	80.47	80.61	80.62
13.70	80.32	80.46	80.51
13.80	80.20	80.35	80.37
13.90	80.11	80.25	80.31
14.00	79.99	80.14	80.19
14.10	79.85	80.04	80.09
14.20	79.80	79.96	79.99
14.30	79.74	79.88	79.96
14.40	79.65	79.81	79.87
14.50	79.54	79.72	79.76
14.60	79.52	79.69	79.73
14.70	79.43	79.60	79.68
14.80	79.39	79.57	79.63
14.90	79.32	79.50	79.56
15.00	79.27	79.45	79.54
16.00	78.95	79.14	79.22
17.00	78.72	78.90	78.96
18.00	78.88	79.08	79.13
19.00	79.73	79.96	80.03
20.00	81.36	81.67	81.79
21.00	83.35	83.68	83.82
22.00	85.10	85.43	85.57
23.00	86.88	87.22	87.33
24.00	89.89	90.34	90.49
25.00	95.02	95.65	95.83
26.00	101.78	102.55	102.84
27.00	109.48	110.41	110.74
28.00	119.90	121.17	121.57
29.00	135.41	137.25	137.88
30.00	163.54	167.56	168.84