

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
0.10	95.94	91.10	93.93	0.00	0.00	0.00	0.01	0.00	0.00
0.15	94.32	97.63	94.31	0.00	0.00	0.00	0.00	0.00	0.00
0.20	87.54	91.58	84.08	0.00	0.01	0.00	0.00	0.00	0.00
0.25	77.98	77.36	77.23	0.01	0.01	0.01	0.00	0.00	0.00
0.30	69.86	69.38	68.59	0.01	0.01	0.01	0.01	0.01	0.01
0.35	62.31	62.10	61.81	0.01	0.02	0.02	0.01	0.02	0.01
0.40	56.31	55.90	55.50	0.01	0.02	0.02	0.02	0.01	0.01
0.45	50.88	50.43	50.09	0.02	0.03	0.03	0.02	0.02	0.01
0.50	45.90	45.47	45.05	0.04	0.03	0.03	0.03	0.05	0.02
0.55	41.33	40.88	40.42	0.04	0.04	0.04	0.04	0.03	0.03
0.60	37.05	36.59	36.13	0.05	0.06	0.06	0.04	0.05	0.05
0.65	33.04	32.54	32.07	0.07	0.07	0.06	0.06	0.06	0.07
0.68	30.73	30.22	29.72	0.06	0.08	0.08	0.06	0.08	0.08
0.70	29.22	28.69	28.19	0.08	0.08	0.09	0.07	0.09	0.09
0.80	22.04	21.43	20.86	0.16	0.17	0.19	0.16	0.17	0.19
0.82	20.64	20.03	19.45	0.18	0.19	0.22	0.18	0.19	0.22
0.90	15.29	14.63	13.99	0.36	0.40	0.45	0.36	0.41	0.45
0.95	12.08	11.39	10.74	0.59	0.67	0.76	0.60	0.67	0.76
1.00	9.06	8.36	7.72	1.03	1.19	1.37	1.05	1.18	1.36
1.05	6.32	5.67	5.10	1.85	2.14	2.47	1.85	2.11	2.44
1.10	4.05	3.52	3.09	3.25	3.76	4.34	3.25	3.73	4.29
1.12	3.33	2.85	2.48	4.04	4.66	5.35	4.03	4.61	5.28
1.20	1.41	1.17	1.02	8.67	9.81	11.02	8.59	9.65	10.82
1.50	0.38	0.35	0.34	23.55	23.77	24.18	23.19	23.78	24.44
2.00	0.27	0.25	0.24	29.14	30.97	30.47	33.61	40.48	36.95
3.00	0.24	0.23	0.22	33.86	32.37	31.22	35.09	32.84	31.44
4.00	0.27	0.25	0.24	33.98	32.54	31.24	35.10	33.47	32.06
4.50	0.30	0.28	0.27	30.28	28.92	27.72	31.80	30.00	28.57
5.00	0.33	0.31	0.30	29.82	28.49	27.25	32.44	30.18	28.50
6.00	0.41	0.38	0.37	30.78	31.07	30.62	39.04	39.36	37.30
7.00	0.54	0.48	0.47	25.22	25.98	26.64	26.62	27.60	28.72
8.00	0.69	0.62	0.62	24.24	25.09	25.80	26.48	27.69	29.21
9.00	0.96	0.88	0.90	21.13	20.15	19.02	24.82	22.48	20.74
10.00	1.93	1.94	2.10	9.63	8.81	8.15	10.10	9.18	8.49
10.50	3.08	3.19	3.46	6.22	5.57	5.11	6.49	5.81	5.34
11.00	4.76	4.99	5.37	4.03	3.54	3.25	4.22	3.71	3.42
12.00	9.12	9.53	10.03	1.96	1.68	1.56	2.06	1.79	1.68
14.00	18.00	18.51	19.07	0.99	0.84	0.81	1.05	0.91	0.89
14.50	20.01	20.52	21.09	0.92	0.77	0.75	0.97	0.84	0.83
15.00	21.92	22.42	22.98	0.86	0.72	0.70	0.90	0.79	0.77
16.00	25.45	26.00	26.56	0.80	0.67	0.65	0.83	0.73	0.72
17.00	28.71	29.26	29.82	0.75	0.63	0.61	0.79	0.68	0.68
17.50	30.24	30.79	31.36	0.74	0.62	0.60	0.77	0.67	0.67
18.00	31.70	32.25	32.85	0.72	0.61	0.59	0.75	0.65	0.65
20.00	37.11	37.68	38.26	0.68	0.57	0.55	0.71	0.62	0.62
100.00	92.96	96.60	92.07	0.52	0.50	0.53	0.54	0.54	0.58
500.00	86.09	95.92	84.63	0.35	0.38	0.41	0.40	0.43	0.46
750.00	86.86	89.58	86.03	0.36	0.42	0.44	0.42	0.48	0.51
1000.00	86.65	80.34	89.66	0.45	0.52	0.56	0.50	0.59	0.62
1300.00	63.87	62.38	61.72	0.87	1.01	1.09	0.80	0.93	0.96
1500.00	50.56	50.25	50.19	1.77	1.97	2.00	1.34	1.49	1.53
1800.00	41.64	41.82	41.67	2.75	3.06	3.16	3.93	4.21	4.13
2000.00	40.01	40.33	39.92	5.26	5.75	5.72	6.54	6.22	6.13
2100.00	39.44	39.53	39.05	7.39	7.47	7.28	5.82	5.49	5.59
2500.00	32.25	31.90	31.63	3.55	3.53	3.69	2.22	2.28	2.43
2800.00	24.73	25.03	25.28	2.49	2.67	2.83	1.87	2.09	2.28
3000.00	23.94	24.82	25.13	2.99	3.32	3.57	2.28	2.50	2.71
3300.00	28.92	29.81	29.32	4.23	4.48	4.83	2.50	2.77	2.98
3500.00	30.44	30.52	30.63	4.29	4.61	4.98	2.65	3.04	3.29
4000.00	32.75	33.40	33.21	5.31	5.75	6.10	4.56	5.14	5.35

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
2.0	260.20	259.05	255.58
2.1	236.85	239.44	233.71
2.2	219.09	218.96	216.25
2.3	203.92	201.97	200.18
2.4	188.62	186.62	187.85
2.5	179.13	178.74	178.82
2.6	169.97	169.07	168.53
2.7	160.65	159.79	159.11
2.8	153.36	153.26	152.29
2.9	146.53	145.98	145.08
3.0	137.43	136.38	135.33
3.1	133.66	133.88	132.38
3.2	131.27	131.94	130.07
3.3	128.48	128.42	127.79
3.4	125.22	125.09	123.71
3.5	121.03	120.93	121.09
3.6	117.57	117.56	117.65
3.7	114.29	114.46	114.53
3.8	111.48	111.47	111.65
3.9	108.92	109.15	109.35
4.0	106.29	106.67	106.88
4.1	104.23	104.42	104.73
4.2	102.21	102.37	102.79
4.3	100.34	100.57	100.98
4.4	98.60	99.07	99.26
4.5	97.32	97.54	97.85
4.6	95.78	96.00	96.38
4.7	94.41	94.97	95.34
4.8	93.35	93.50	93.95
4.9	92.08	92.48	92.98
5.0	91.15	91.67	92.08
5.1	90.34	90.70	91.30
5.2	89.50	89.98	90.58
5.3	88.85	89.10	90.00
5.4	87.86	88.74	89.19
5.5	87.58	88.11	88.78
5.6	86.93	87.45	88.04
5.7	86.55	87.42	87.92
5.8	86.41	86.88	87.52
5.9	85.86	86.34	87.12
6.0	85.41	86.31	86.86
6.1	85.33	85.93	86.45
6.2	84.96	85.75	86.30
6.3	84.78	85.41	86.42
6.4	84.69	85.63	86.30
6.5	84.65	85.57	86.42
6.6	84.27	85.26	86.19
6.7	84.23	85.33	86.20
6.8	84.34	85.44	86.28
6.9	84.54	85.45	86.48
7.0	84.47	85.76	86.90