

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	83.97	88.93	93.28	0.02	0.02	0.02	0.02	0.02	0.02
0.12	105.07	87.62	88.11	0.02	0.02	0.02	0.02	0.02	0.02
0.24	75.61	76.19	76.05	0.02	0.02	0.03	0.03	0.03	0.03
0.60	35.70	35.20	34.79	0.05	0.05	0.06	0.05	0.06	0.07
0.81	19.70	19.07	18.56	0.20	0.22	0.24	0.20	0.22	0.25
0.82	19.01	18.36	17.84	0.21	0.24	0.26	0.22	0.24	0.27
0.95	10.29	9.58	9.01	0.81	0.93	1.05	0.82	0.94	1.06
1.07	3.92	3.40	3.02	3.38	3.93	4.45	3.38	3.92	4.43
1.16	1.45	1.21	1.07	8.44	9.59	10.63	8.40	9.53	10.55
1.28	0.53	0.48	0.45	21.58	24.32	26.99	21.32	23.87	26.27
1.32	0.45	0.42	0.40	30.67	36.72	44.58	29.67	34.03	37.78
1.43	0.38	0.35	0.35	26.37	26.48	26.78	26.47	26.68	27.05
1.62	0.32	0.30	0.29	24.99	27.13	29.35	25.04	27.27	29.66
1.74	0.29	0.27	0.27	28.58	32.75	37.17	28.77	33.38	39.28
1.90	0.28	0.26	0.25	35.81	35.50	31.86	37.96	36.64	31.98
2.00	0.27	0.25	0.25	35.29	31.12	28.30	36.38	31.25	28.25
2.12	0.26	0.24	0.24	31.58	28.15	26.09	31.95	28.28	26.15
3.20	0.25	0.23	0.22	35.35	34.62	34.37	35.61	34.82	34.60
3.40	0.26	0.24	0.23	44.16	44.80	46.00	43.40	43.24	43.69
3.50	0.26	0.24	0.23	60.45	58.40	52.48	48.05	46.26	44.71
3.70	0.27	0.25	0.24	40.73	38.36	36.55	39.66	37.54	35.86
3.90	0.28	0.26	0.25	35.00	33.16	31.81	34.42	32.72	31.40
4.00	0.28	0.26	0.26	33.32	31.61	30.32	32.86	31.23	29.98
4.50	0.31	0.29	0.29	29.35	27.77	26.66	28.99	27.52	26.44
4.70	0.33	0.30	0.30	28.87	27.28	26.17	28.49	27.01	25.93
5.70	0.40	0.36	0.36	33.04	30.58	29.02	31.21	29.50	28.23
6.00	0.42	0.39	0.38	37.69	34.19	32.01	33.33	31.85	30.45
6.40	0.46	0.42	0.41	47.04	44.51	39.43	34.77	34.98	34.15
6.50	0.47	0.43	0.42	44.12	49.86	42.92	34.44	35.26	34.85
6.70	0.50	0.45	0.44	38.99	46.01	55.25	33.54	35.16	35.75
6.90	0.52	0.48	0.46	35.98	40.16	45.97	32.47	34.31	35.51
7.00	0.54	0.49	0.48	34.90	38.41	42.85	32.06	33.93	35.28
7.20	0.57	0.51	0.50	33.82	36.71	40.22	31.47	33.30	34.81
7.60	0.63	0.57	0.56	34.29	37.61	41.60	31.88	33.88	35.34
8.10	0.73	0.66	0.65	36.90	35.47	32.98	33.22	32.71	31.19
8.60	0.87	0.80	0.80	24.45	22.99	21.77	24.05	22.66	21.49
9.00	1.06	1.00	1.02	17.90	16.81	15.94	17.76	16.68	15.81
9.80	1.96	1.97	2.08	9.49	8.72	8.17	9.44	8.67	8.11
10.00	2.35	2.40	2.55	8.02	7.32	6.83	7.99	7.28	6.79
11.70	8.62	9.00	9.43	2.15	1.87	1.75	2.15	1.87	1.74
13.70	17.50	18.01	18.51	1.07	0.92	0.89	1.07	0.92	0.88
14.30	19.90	20.42	20.93	0.97	0.84	0.81	0.97	0.84	0.80
14.40	20.29	20.81	21.32	0.96	0.83	0.80	0.96	0.83	0.79
15.00	22.52	23.06	23.57	0.90	0.78	0.75	0.90	0.77	0.74
17.00	29.16	29.73	30.25	0.79	0.68	0.66	0.79	0.68	0.66
17.30	30.07	30.63	31.16	0.78	0.67	0.66	0.78	0.67	0.65
20.60	38.82	39.42	39.97	0.71	0.61	0.60	0.71	0.60	0.59
31.00	58.09	58.92	59.46	0.62	0.54	0.54	0.62	0.54	0.53
68.00	91.33	96.60	95.01	0.56	0.54	0.57	0.56	0.53	0.55
160.00	108.79	107.01	105.11	0.50	0.52	0.55	0.49	0.50	0.53
250.00	100.00	103.15	101.36	0.46	0.48	0.51	0.44	0.46	0.49
500.00	99.07	99.85	108.15	0.39	0.42	0.44	0.37	0.40	0.42
650.00	94.81	100.93	96.83	0.38	0.43	0.45	0.36	0.40	0.42
970.00	76.30	76.13	76.78	0.45	0.52	0.55	0.42	0.50	0.52
1180.00	71.43	70.03	70.20	0.61	0.69	0.73	0.56	0.66	0.69
1360.00	58.76	56.89	57.25	0.93	1.05	1.09	0.82	0.96	1.00
1600.00	38.62	38.44	38.76	1.92	2.10	2.10	1.72	1.98	2.01
2000.00	37.83	39.07	38.83	6.41	6.70	6.46	6.88	7.24	6.94
2020.00	38.29	39.57	39.32	6.75	6.98	6.74	7.25	7.56	7.24
2100.00	39.67	40.73	40.21	7.63	7.51	7.42	8.59	8.61	8.25

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
2.00	252.72	250.52	248.63
2.05	241.67	239.61	238.00
2.10	231.80	229.86	228.34
2.15	222.47	220.71	219.35
2.20	214.08	212.56	211.13
2.25	206.33	204.88	203.62
2.30	199.42	198.05	196.96
2.35	192.96	191.77	190.94
2.40	186.87	185.74	184.92
2.45	181.25	180.22	179.46
2.50	175.82	174.78	174.05
2.55	170.94	170.11	169.48
2.60	166.34	165.56	165.04
2.65	162.16	161.53	161.07
2.70	158.08	157.60	157.20
2.75	154.39	153.91	153.55
2.80	150.88	150.39	150.16
2.85	147.60	147.08	146.85
2.90	144.34	144.07	143.85
2.95	140.75	140.56	140.38
3.00	132.42	132.37	132.35
3.10	130.28	130.23	130.32
3.20	127.93	127.88	127.89
3.40	123.08	123.03	123.23
3.50	120.48	120.53	120.68
3.60	117.81	117.89	118.12
3.70	115.05	115.18	115.38
3.80	112.26	112.44	112.60
3.90	109.58	109.78	109.98
4.00	107.11	107.33	107.58
4.10	104.86	105.14	105.40
4.20	102.84	103.11	103.40
4.30	100.95	101.27	101.56
4.40	99.26	99.60	99.92
4.50	97.69	98.07	98.41
4.60	96.29	96.69	97.05
4.70	95.01	95.45	95.82
4.80	93.86	94.30	94.68
4.90	92.78	93.25	93.67
5.00	91.82	92.33	92.75
5.10	90.94	91.46	91.91
5.20	90.18	90.71	91.20
5.30	89.46	90.03	90.52
5.40	88.80	89.40	89.93
5.50	88.23	88.86	89.40
5.60	87.76	88.41	88.97
5.70	87.29	87.99	88.57
5.80	86.93	87.64	88.28
5.90	86.60	87.35	88.00
6.00	86.32	87.10	87.78
6.10	86.08	86.90	87.60
6.20	85.90	86.75	87.49
6.30	85.74	86.62	87.40
6.40	85.67	86.59	87.38
6.50	85.63	86.58	87.42
6.60	85.61	86.61	87.48
6.70	85.66	86.70	87.59
6.80	85.77	86.83	87.77
6.90	85.90	87.02	87.98
7.00	86.09	87.26	88.27