

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
0.1	91.24	93.70	90.14	0.03	0.04	0.03	0.03	0.04	0.03
0.2	96.02	102.00	96.95	0.02	0.03	0.03	0.03	0.02	0.02
0.3	94.26	87.86	98.30	0.01	0.01	0.01	0.01	0.02	0.01
0.4	96.30	99.00	100.33	0.01	0.02	0.02	0.02	0.02	0.02
0.5	99.65	93.80	97.07	0.03	0.03	0.02	0.01	0.03	0.01
0.6	95.70	94.82	97.75	0.03	0.03	0.04	0.02	0.02	0.03
0.7	113.23	101.70	101.08	0.04	0.04	0.06	0.02	0.04	0.02
0.8	99.58	94.80	104.71	0.07	0.06	0.07	0.04	0.06	0.05
0.9	90.46	98.68	91.43	0.07	0.08	0.10	0.07	0.06	0.07
1.0	90.65	88.69	89.00	0.10	0.13	0.13	0.08	0.11	0.10
1.1	79.47	80.37	78.73	0.14	0.17	0.18	0.12	0.16	0.17
1.2	67.41	67.43	67.16	0.22	0.25	0.28	0.19	0.22	0.24
1.3	52.59	52.51	52.73	0.37	0.39	0.43	0.30	0.34	0.37
1.4	36.35	36.23	36.47	0.66	0.72	0.78	0.52	0.58	0.62
1.5	16.95	16.84	17.21	2.15	2.35	2.47	1.41	1.54	1.61
1.6	3.47	3.64	3.91	12.64	12.74	13.04	9.00	9.06	8.98
1.7	1.95	2.07	2.22	22.70	23.44	23.14	19.02	19.25	18.94
1.8	1.53	1.61	1.71	19.25	19.37	19.37	19.66	19.87	19.87
1.9	1.27	1.34	1.42	21.05	21.26	21.17	24.07	24.44	24.39
2.0	1.09	1.16	1.23	23.81	23.99	24.09	25.87	25.80	25.96
3.0	0.69	0.73	0.75	21.31	21.01	21.02	21.13	20.81	20.77
4.0	0.52	0.56	0.57	18.73	18.83	18.87	19.07	19.26	19.36
5.0	0.44	0.48	0.48	18.30	18.05	17.92	18.70	18.37	18.22
6.0	0.47	0.51	0.51	15.08	14.96	14.89	15.07	14.95	14.85
7.0	0.38	0.41	0.42	18.35	18.29	18.14	18.39	18.34	18.23
8.0	0.33	0.35	0.35	28.05	27.80	27.24	29.43	29.55	29.17
9.0	0.32	0.34	0.34	28.12	28.02	28.21	29.40	29.28	29.72
10.0	0.32	0.35	0.34	23.61	23.73	24.02	23.78	23.85	24.12
15.0	0.35	0.38	0.37	31.26	31.05	30.66	30.98	31.31	31.29
20.0	0.48	0.49	0.51	26.22	26.39	26.38	26.28	26.28	26.15
21.0	0.50	0.52	0.54	27.29	27.29	27.47	27.19	27.42	27.75
22.0	0.54	0.56	0.58	23.66	23.36	23.23	23.69	23.65	23.70
23.0	0.60	0.61	0.64	21.64	21.34	21.17	21.80	21.63	21.53
24.0	0.64	0.65	0.67	23.03	22.93	22.71	23.29	23.22	22.97
25.0	0.67	0.69	0.72	32.56	33.58	33.28	34.19	34.65	33.72
26.0	0.75	0.77	0.80	26.01	25.47	25.49	25.95	25.60	25.73
27.0	0.88	0.90	0.94	19.75	19.58	19.46	19.80	19.70	19.65
28.0	1.00	1.02	1.06	20.54	20.70	20.54	20.84	21.09	20.94
29.0	1.14	1.16	1.22	29.19	29.77	29.90	42.06	40.90	40.02
30.0	1.46	1.51	1.59	28.99	32.54	35.44	23.59	23.60	23.45
31.0	3.02	3.39	3.61	9.71	8.43	8.15	9.02	7.87	7.58
32.0	10.34	11.16	11.47	2.01	1.81	1.83	1.92	1.76	1.78
33.0	19.37	20.15	20.45	0.84	0.81	0.84	0.81	0.81	0.85
34.0	27.06	27.71	27.96	0.55	0.55	0.57	0.54	0.56	0.60
35.0	33.45	34.01	34.21	0.45	0.44	0.46	0.42	0.45	0.48
36.0	38.78	39.30	39.51	0.38	0.38	0.39	0.36	0.39	0.41
37.0	43.24	43.71	43.88	0.33	0.33	0.35	0.33	0.36	0.37
38.0	46.96	47.50	47.53	0.31	0.31	0.32	0.29	0.32	0.34
39.0	50.20	50.69	50.71	0.27	0.28	0.29	0.26	0.29	0.30
40.0	53.01	53.14	53.25	0.26	0.27	0.28	0.25	0.28	0.29
50.0	68.13	67.48	67.57	0.20	0.20	0.22	0.19	0.22	0.22
100.0	85.31	87.28	86.53	0.16	0.17	0.18	0.09	0.13	0.15
200.0	93.46	87.59	98.26	0.15	0.17	0.18	0.07	0.13	0.16
300.0	87.15	87.33	88.16	0.15	0.18	0.20	0.07	0.15	0.17
400.0	91.43	88.43	96.35	0.17	0.21	0.23	0.09	0.19	0.24
500.0	90.16	89.63	91.84	0.18	0.23	0.26	0.22	0.38	0.47



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FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
2.0	1242.09	1238.89	1241.22
3.0	466.35	466.01	466.36
3.5	336.61	336.51	336.67
4.0	264.66	264.45	264.84
4.5	219.93	219.69	220.06
5.0	186.21	186.31	186.34
5.5	161.37	161.17	161.12
6.0	143.61	143.61	143.68
6.5	130.93	131.19	131.29
7.0	121.92	122.00	122.04
7.5	114.55	114.71	114.86
8.0	108.12	108.61	108.53
8.5	103.14	103.38	103.34
9.0	98.66	98.71	98.95
9.5	94.95	95.00	95.02
10.0	91.27	91.70	91.81
10.5	88.93	89.00	89.21
11.0	86.73	87.06	87.05
11.5	85.12	85.38	85.49
12.0	84.17	84.19	84.09
12.5	82.64	82.79	82.71
13.0	81.89	81.97	81.93
13.5	81.11	81.32	81.35
14.0	80.03	80.48	80.46
14.5	79.84	80.01	80.06
15.0	79.45	79.60	79.92
15.5	79.06	79.12	79.20
16.0	78.90	79.00	79.08
16.5	78.73	78.91	78.95
17.0	78.79	78.94	78.95
17.5	78.80	79.04	79.12
18.0	78.96	79.18	79.30
18.5	79.52	79.81	79.80
19.0	79.85	80.03	80.30
19.5	80.55	80.85	81.07
20.0	81.09	81.44	81.75
20.5	82.22	82.56	82.65
21.0	83.26	83.55	83.60
21.5	84.05	84.51	84.62
22.0	85.05	85.39	85.50
22.5	86.19	86.46	86.72
23.0	87.78	87.97	88.14
23.5	89.16	89.60	89.76
24.0	91.23	91.86	91.99
24.5	93.60	94.20	94.39
25.0	96.40	96.98	97.10
25.5	99.13	100.02	100.27
26.0	102.20	103.05	103.21
26.5	105.32	106.12	106.54
27.0	108.98	109.81	110.29
27.5	113.71	114.85	115.40
28.0	119.88	121.38	121.84
28.5	127.88	129.61	130.26
29.0	137.36	139.53	140.36
29.5	150.01	153.09	154.00
30.0	168.85	173.53	174.99