

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	107.02	107.45	99.31	0.00	0.00	0.00	0.00	0.00	0.00
10.0	71.21	71.59	70.83	0.01	0.01	0.01	0.01	0.01	0.02
15.0	44.74	44.61	44.48	0.05	0.06	0.06	0.05	0.06	0.06
16.0	39.25	39.11	38.98	0.07	0.08	0.09	0.08	0.08	0.09
18.0	27.44	27.28	27.11	0.16	0.19	0.20	0.17	0.19	0.21
19.0	20.84	20.66	20.47	0.29	0.33	0.36	0.30	0.33	0.36
20.0	13.59	13.41	13.21	0.69	0.76	0.84	0.69	0.76	0.84
21.5	3.37	3.35	3.31	5.08	5.44	5.84	5.08	5.44	5.84
22.0	1.73	1.78	1.82	9.91	10.42	11.04	9.92	10.42	11.03
23.0	0.84	0.92	1.00	27.42	28.51	30.36	27.12	27.85	29.35
24.0	0.70	0.78	0.85	29.37	28.75	28.66	28.49	28.09	28.31
25.0	0.68	0.74	0.81	19.96	19.89	19.98	19.92	19.87	20.00
26.0	0.68	0.74	0.79	16.89	17.05	17.30	16.89	17.05	17.32
27.0	0.65	0.69	0.75	17.31	17.68	18.13	17.27	17.65	18.11
29.0	0.56	0.62	0.69	26.50	26.13	25.67	25.22	25.34	25.11
30.0	0.60	0.66	0.73	21.44	20.68	20.05	21.11	20.59	20.04
35.0	0.75	0.84	0.94	33.47	34.04	35.23	34.00	34.29	33.30
38.5	3.02	3.32	3.67	5.82	5.59	5.38	6.06	5.86	5.69
40.0	7.93	8.32	8.72	1.79	1.78	1.78	1.90	1.91	1.93
41.0	11.85	12.22	12.59	0.96	0.98	1.01	1.04	1.07	1.11
42.0	15.60	15.94	16.28	0.61	0.63	0.66	0.66	0.69	0.73
43.5	20.66	20.97	21.26	0.39	0.41	0.43	0.42	0.45	0.48
46.0	27.75	28.01	28.26	0.25	0.27	0.28	0.27	0.29	0.31
47.0	30.21	30.46	30.69	0.22	0.23	0.25	0.23	0.25	0.27
50.0	36.66	36.87	37.09	0.17	0.18	0.19	0.18	0.19	0.20
60.0	51.86	52.05	52.21	0.10	0.11	0.12	0.11	0.11	0.12
70.0	61.71	62.06	62.30	0.08	0.09	0.10	0.08	0.09	0.10
80.0	68.86	69.15	69.24	0.07	0.08	0.09	0.08	0.08	0.09
90.0	73.44	73.82	74.00	0.07	0.08	0.09	0.07	0.08	0.08
100.0	76.82	77.11	77.53	0.06	0.07	0.08	0.07	0.08	0.08
150.0	86.47	87.52	87.83	0.05	0.07	0.08	0.05	0.07	0.08
200.0	91.34	90.41	91.87	0.05	0.07	0.09	0.05	0.07	0.08
250.0	94.42	91.80	94.32	0.05	0.08	0.10	0.05	0.07	0.09
300.0	100.48	95.48	118.14	0.06	0.09	0.11	0.05	0.08	0.10
350.0	95.98	92.47	99.96	0.07	0.11	0.13	0.06	0.09	0.11
400.0	97.00	92.32	94.59	0.08	0.12	0.15	0.07	0.11	0.12
450.0	88.82	90.84	89.42	0.10	0.14	0.17	0.08	0.12	0.14
500.0	85.58	85.49	86.03	0.11	0.17	0.19	0.09	0.13	0.15
550.0	83.50	81.60	80.67	0.13	0.19	0.22	0.10	0.15	0.17
600.0	79.26	78.79	78.19	0.15	0.21	0.25	0.11	0.16	0.19
650.0	77.27	76.22	75.41	0.17	0.24	0.28	0.13	0.19	0.22
700.0	74.37	74.11	72.31	0.20	0.27	0.32	0.14	0.20	0.24
750.0	71.43	69.89	69.34	0.22	0.30	0.35	0.16	0.22	0.26
800.0	68.08	67.76	67.36	0.25	0.33	0.38	0.17	0.25	0.29
850.0	66.46	65.87	65.55	0.27	0.36	0.42	0.19	0.27	0.32
900.0	64.66	64.31	63.87	0.30	0.39	0.46	0.21	0.29	0.34
950.0	62.86	62.49	61.99	0.33	0.43	0.50	0.23	0.32	0.38
1000.0	61.43	60.78	60.25	0.36	0.47	0.55	0.26	0.36	0.42
1050.0	59.64	59.15	58.71	0.40	0.52	0.60	0.29	0.40	0.47
1100.0	58.00	57.47	56.97	0.45	0.57	0.67	0.33	0.45	0.53
1150.0	56.34	55.80	55.29	0.52	0.66	0.77	0.40	0.53	0.63
1200.0	54.63	54.06	53.65	0.63	0.78	0.92	0.50	0.67	0.78
1250.0	53.00	52.59	52.55	0.81	0.98	1.12	0.69	0.88	1.00
1300.0	51.95	52.10	52.26	1.04	1.18	1.27	0.97	1.13	1.21
1350.0	52.32	52.80	52.97	1.12	1.20	1.28	1.13	1.20	1.24
1400.0	53.82	53.90	53.61	1.03	1.14	1.24	1.03	1.10	1.17
1450.0	54.46	53.94	53.37	0.96	1.11	1.25	0.91	1.02	1.13
1500.0	53.68	53.09	52.37	0.96	1.14	1.31	0.86	1.01	1.14
1550.0	52.49	51.87	51.22	1.02	1.24	1.44	0.88	1.06	1.21
1600.0	51.22	50.68	50.04	1.14	1.41	1.64	0.95	1.17	1.35

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FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
20.00	91.09	91.97	92.95
20.50	104.40	104.98	105.67
21.00	114.53	114.88	115.34
21.50	121.93	122.09	122.35
22.00	126.86	126.84	126.90
22.50	129.15	128.92	128.75
23.00	128.19	127.72	127.28
23.50	123.19	122.46	121.74
24.00	114.24	113.42	112.60
24.50	103.83	103.16	102.47
25.00	94.92	94.48	94.02
25.50	88.30	88.03	87.74
26.00	83.40	83.24	83.06
26.50	79.62	79.53	79.42
27.00	76.61	76.57	76.52
27.50	74.18	74.18	74.16
28.00	72.23	72.25	72.26
28.50	70.62	70.66	70.68
29.00	69.29	69.34	69.36
29.50	68.19	68.23	68.25
30.00	67.27	67.32	67.34
30.50	66.52	66.57	66.59
31.00	65.97	66.03	66.07
31.50	65.65	65.72	65.79
32.00	65.58	65.68	65.77
32.50	65.79	65.95	66.07
33.00	66.33	66.52	66.69
33.50	67.21	67.44	67.68
34.00	68.49	68.80	69.09
34.50	70.27	70.65	71.01
35.00	72.66	73.12	73.54
35.50	75.70	76.21	76.66
36.00	79.29	79.79	80.18
36.50	82.97	83.37	83.59
37.00	86.08	86.25	86.24
37.50	87.97	87.89	87.59
38.00	88.31	87.97	87.41
38.50	87.03	86.44	85.64
39.00	84.16	83.32	82.32
39.50	79.71	78.68	77.51
40.00	73.82	72.62	71.32