

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(MHz)	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
10	0.10	0.13	0.16	33.80	32.14	31.11	28.48	26.41	25.83
13	0.10	0.14	0.16	33.30	31.72	30.71	25.51	23.74	23.06
20	0.11	0.15	0.17	31.89	30.40	29.46	32.08	30.35	29.21
40	0.15	0.19	0.22	27.40	26.05	25.23	28.48	26.41	25.83
60	0.19	0.24	0.27	24.66	23.42	22.63	25.51	23.74	23.06
80	0.22	0.28	0.32	22.69	21.56	20.81	23.34	21.89	21.09
100	0.26	0.32	0.37	21.15	20.15	19.43	21.52	20.31	19.52
120	0.29	0.36	0.41	19.90	19.01	18.34	20.21	19.08	18.40
140	0.33	0.40	0.45	18.88	18.09	17.47	18.88	18.00	17.30
160	0.36	0.44	0.50	18.02	17.32	16.75	17.90	17.14	16.49
180	0.40	0.48	0.54	17.32	16.69	16.16	16.99	16.41	15.74
200	0.43	0.51	0.58	16.74	16.17	15.68	16.30	15.83	15.17
220	0.46	0.55	0.62	16.28	15.75	15.30	15.68	15.32	14.66
240	0.49	0.59	0.66	15.92	15.43	15.01	15.22	14.91	14.26
260	0.52	0.62	0.69	15.66	15.20	14.81	14.89	14.60	13.99
280	0.55	0.65	0.73	15.51	15.07	14.70	14.67	14.43	13.80
300	0.58	0.68	0.76	15.47	15.05	14.70	14.64	14.40	13.79
320	0.60	0.71	0.79	15.54	15.14	14.80	14.71	14.49	13.86
340	0.62	0.73	0.82	15.74	15.36	15.04	14.97	14.72	14.13
360	0.65	0.76	0.85	16.09	15.73	15.42	15.44	15.13	14.58
380	0.67	0.78	0.88	16.64	16.28	15.97	16.15	15.79	15.26
400	0.69	0.81	0.91	17.40	17.04	16.73	17.19	16.77	16.25
420	0.72	0.84	0.94	18.41	18.03	17.70	18.75	18.22	17.71
440	0.75	0.88	0.99	19.67	19.23	18.88	21.14	20.34	19.88
460	0.80	0.93	1.04	21.01	20.52	20.15	24.93	23.66	23.23
480	0.85	0.99	1.11	21.98	21.47	21.12	32.55	29.94	29.62
490	0.89	1.03	1.15	22.07	21.61	21.31	37.71	35.90	36.37
510	0.97	1.11	1.24	21.27	21.02	20.82	28.03	30.47	31.09
660	2.76	2.79	2.94	15.31	17.26	17.96	11.60	12.78	13.26
730	11.86	10.20	9.21	2.79	3.85	4.99	3.82	4.89	5.99
770	21.94	19.65	18.03	1.41	1.85	2.33	2.87	3.67	4.41
810	33.40	30.64	28.65	0.96	1.22	1.49	2.22	2.90	3.43
820	36.51	33.59	31.50	0.89	1.13	1.38	2.07	2.72	3.20
900	62.92	65.48	62.14	0.57	0.73	0.88	1.17	1.59	1.81
980	60.50	60.29	60.43	0.42	0.55	0.67	0.69	0.97	1.10
1100	73.71	71.13	69.82	0.30	0.41	0.50	0.35	0.52	0.61
1200	64.40	66.58	68.40	0.24	0.34	0.43	0.20	0.34	0.39
1300	56.58	58.08	59.19	0.21	0.30	0.38	0.12	0.26	0.28
1400	52.24	53.34	54.18	0.18	0.27	0.36	0.06	0.21	0.20
1500	49.33	50.22	50.88	0.17	0.26	0.34	0.02	0.18	0.15
1600	47.33	48.06	48.61	0.16	0.25	0.33	0.01	0.17	0.12
1700	45.87	46.48	46.97	0.16	0.25	0.33	0.03	0.14	0.08
1800	44.85	45.39	45.77	0.17	0.25	0.33	0.03	0.13	0.07
1900	44.15	44.58	44.92	0.17	0.26	0.33	0.04	0.11	0.06
2000	43.66	44.03	44.27	0.18	0.27	0.34	0.05	0.09	0.05
2200	43.19	43.46	43.62	0.20	0.29	0.35	0.07	0.07	0.03
2400	43.24	43.43	43.51	0.23	0.31	0.37	0.07	0.06	0.03
2600	43.72	43.86	43.86	0.26	0.34	0.40	0.08	0.08	0.03
2800	44.59	44.65	44.61	0.28	0.36	0.42	0.07	0.10	0.05
3000	45.91	45.89	45.74	0.30	0.39	0.45	0.07	0.11	0.06
3200	47.74	47.65	47.42	0.32	0.41	0.48	0.06	0.12	0.08
3400	50.43	50.19	49.89	0.34	0.43	0.51	0.03	0.12	0.11
3600	55.05	54.49	53.76	0.35	0.45	0.54	0.03	0.14	0.13
3800	66.05	64.57	62.33	0.38	0.48	0.58	0.01	0.18	0.17
4000	53.70	56.23	58.61	0.47	0.55	0.66	0.01	0.22	0.20
4500	30.82	30.61	31.82	1.88	3.39	4.22	0.21	0.37	0.38
5000	31.57	30.67	27.95	1.75	3.33	5.00	0.23	0.58	0.90
5500	24.19	20.60	23.76	1.40	1.98	1.28	0.56	0.74	0.51
6000	41.17	43.43	46.39	0.42	0.58	0.78	0.05	0.37	0.40
8500	25.23	25.71	26.20	0.76	0.97	1.20	0.63	0.84	0.83

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-55°C	@+25°C	@+125°C
10	1.11	1.11	1.11
13	1.10	1.10	1.10
20	1.09	1.08	1.08
40	1.09	1.08	1.08
60	1.09	1.08	1.08
80	1.09	1.08	1.08
100	1.09	1.08	1.08
120	1.10	1.09	1.08
140	1.10	1.09	1.09
160	1.11	1.10	1.09
180	1.12	1.11	1.10
200	1.14	1.12	1.11
220	1.15	1.14	1.13
240	1.17	1.16	1.15
260	1.19	1.18	1.17
280	1.22	1.20	1.19
300	1.25	1.23	1.22
320	1.28	1.26	1.25
340	1.32	1.30	1.29
360	1.37	1.34	1.33
380	1.41	1.38	1.37
400	1.46	1.43	1.41
420	1.50	1.47	1.45
440	1.54	1.51	1.49
460	1.60	1.56	1.53
480	1.65	1.61	1.58
490	1.71	1.67	1.64
500	1.78	1.73	1.70
510	1.85	1.80	1.76