

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	0.07	0.10	0.14	39.53	36.65	34.13	41.09	37.60	34.81
20	0.09	0.12	0.15	37.51	34.28	31.50	38.35	34.65	31.77
30	0.11	0.14	0.17	35.89	32.50	29.51	36.30	32.56	29.58
40	0.12	0.16	0.19	34.63	31.22	28.10	34.47	30.92	27.96
50	0.14	0.17	0.21	33.39	30.18	27.02	32.87	29.66	26.76
60	0.15	0.19	0.23	32.29	29.35	26.23	31.31	28.56	25.81
80	0.17	0.21	0.26	30.28	28.06	25.25	28.62	26.82	24.52
100	0.20	0.24	0.29	28.49	27.16	24.92	26.31	25.39	23.72
120	0.22	0.26	0.31	26.87	26.45	25.03	24.46	24.24	23.27
140	0.24	0.29	0.34	25.63	25.88	25.43	23.07	23.27	22.95
160	0.26	0.31	0.36	24.92	25.40	25.96	22.16	22.43	22.63
180	0.28	0.33	0.38	24.58	25.01	26.53	21.61	21.71	22.30
200	0.29	0.35	0.41	24.40	24.65	26.97	21.19	21.06	21.87
220	0.31	0.37	0.43	24.30	24.32	27.07	20.87	20.53	21.39
240	0.32	0.40	0.46	24.24	23.98	26.74	20.60	20.07	20.86
260	0.34	0.42	0.49	24.06	23.62	26.04	20.29	19.66	20.32
280	0.36	0.44	0.51	23.65	23.21	25.16	19.93	19.32	19.81
300	0.38	0.46	0.54	23.10	22.81	24.25	19.56	19.05	19.34
320	0.40	0.49	0.57	22.47	22.39	23.33	19.28	18.87	18.95
340	0.43	0.51	0.60	21.88	21.98	22.53	19.06	18.74	18.65
360	0.45	0.54	0.63	21.31	21.57	21.85	18.92	18.69	18.45
400	0.50	0.59	0.69	20.39	20.82	20.88	18.94	18.83	18.44
450	0.56	0.66	0.77	19.50	19.84	20.15	19.27	19.30	19.12
500	0.64	0.75	0.86	18.52	18.83	19.51	19.56	19.90	20.43
550	0.74	0.85	0.97	17.32	17.60	18.47	19.07	19.68	21.19
600	0.86	0.98	1.11	16.05	16.23	17.02	17.62	18.12	19.74
650	0.99	1.14	1.29	15.08	15.03	15.59	16.05	16.15	17.21
700	1.15	1.31	1.49	14.63	14.31	14.50	14.97	14.67	15.11
880	2.80	2.76	2.93	13.91	16.82	19.83	13.15	14.55	14.84
950	8.99	7.61	6.75	3.38	4.66	6.46	5.57	7.12	9.08
1000	18.14	15.99	14.18	1.45	1.95	2.69	3.02	3.84	5.14
1100	37.98	35.62	33.58	0.67	0.90	1.15	1.36	1.66	2.10
1200	54.25	52.69	51.23	0.45	0.63	0.81	0.82	0.99	1.22
1300	59.10	59.23	59.14	0.34	0.50	0.66	0.58	0.70	0.85
1400	58.51	59.01	59.50	0.29	0.43	0.58	0.46	0.55	0.67
1500	57.12	57.92	58.32	0.25	0.38	0.53	0.39	0.47	0.57
1600	55.31	56.05	56.81	0.23	0.35	0.50	0.35	0.42	0.50
1800	52.21	52.98	53.64	0.22	0.33	0.47	0.31	0.37	0.44
2000	50.00	50.63	51.10	0.21	0.32	0.45	0.29	0.35	0.41
2200	48.61	49.21	49.54	0.21	0.32	0.45	0.28	0.33	0.39
2400	48.05	48.46	48.69	0.22	0.33	0.47	0.25	0.31	0.38
2600	47.99	48.26	48.47	0.21	0.34	0.47	0.23	0.31	0.38
2800	48.41	48.64	48.75	0.21	0.35	0.50	0.22	0.30	0.38
3000	49.30	49.44	49.49	0.21	0.36	0.51	0.20	0.29	0.39
3200	50.78	50.79	50.73	0.22	0.36	0.53	0.18	0.28	0.39
3400	53.04	52.84	52.66	0.21	0.36	0.53	0.17	0.28	0.40
3600	56.44	56.20	55.77	0.23	0.38	0.54	0.15	0.27	0.41
3800	62.91	62.04	60.97	0.24	0.39	0.55	0.13	0.27	0.42
4000	67.95	69.60	70.82	0.23	0.39	0.56	0.13	0.27	0.44
4200	57.78	58.78	59.98	0.26	0.43	0.63	0.11	0.26	0.44
4400	52.37	53.17	53.88	0.25	0.44	0.67	0.11	0.26	0.45
4600	48.79	49.42	50.20	0.27	0.48	0.76	0.12	0.27	0.48
5000	40.62	42.25	43.78	0.49	0.68	1.04	0.14	0.30	0.51
5500	19.35	18.33	18.80	6.10	4.61	3.48	0.59	0.97	1.63
6000	30.34	31.38	30.93	2.65	4.73	7.63	0.20	0.37	0.60
6500	30.21	24.11	23.13	0.77	1.33	1.81	0.42	0.98	1.20
7000	39.17	40.76	43.52	0.47	0.68	0.93	0.30	0.46	0.62
7500	34.00	34.51	35.19	0.58	0.80	1.03	0.61	0.65	0.75
8000	30.19	31.14	32.13	1.41	1.47	1.75	0.91	1.21	1.86
8500	42.24	42.30	34.83	10.13	6.77	5.31	1.08	1.21	1.46

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-55°C	@+25°C	@+125°C
10	0.94	0.93	0.92
20	0.92	0.91	0.89
30	0.92	0.90	0.89
40	0.92	0.90	0.88
50	0.91	0.89	0.88
60	0.91	0.89	0.87
80	0.91	0.89	0.86
100	0.90	0.88	0.86
120	0.91	0.89	0.86
140	0.91	0.89	0.87
160	0.91	0.89	0.87
180	0.92	0.90	0.88
200	0.92	0.90	0.88
220	0.93	0.91	0.89
240	0.94	0.91	0.89
260	0.95	0.92	0.90
280	0.96	0.93	0.91
300	0.97	0.94	0.92
320	0.98	0.95	0.93
340	0.99	0.96	0.94
360	1.01	0.98	0.95
380	1.02	0.99	0.96
400	1.04	1.01	0.98
420	1.06	1.03	1.00
440	1.08	1.05	1.02
460	1.10	1.07	1.04
480	1.12	1.09	1.06
500	1.15	1.11	1.08
520	1.18	1.14	1.11
540	1.21	1.17	1.14
560	1.24	1.20	1.17
580	1.27	1.23	1.20
600	1.31	1.27	1.23
620	1.36	1.31	1.27
640	1.40	1.35	1.31
650	1.43	1.38	1.33
660	1.46	1.40	1.36
670	1.49	1.43	1.38
680	1.52	1.46	1.41
690	1.55	1.49	1.44
700	1.59	1.52	1.47