

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(MHz)	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+100°C	@-55°C	@+25°C	@+100°C	@-55°C	@+25°C	@+100°C
10	0.10	0.12	0.15	38.49	37.32	34.92	38.41	36.88	34.72
50	0.17	0.20	0.22	35.07	32.79	31.66	34.16	32.49	31.08
100	0.24	0.27	0.30	31.60	31.06	30.39	30.57	29.81	29.21
150	0.31	0.34	0.38	29.17	30.58	30.35	27.68	28.22	28.36
200	0.37	0.42	0.46	28.04	30.37	29.94	26.22	27.20	27.39
250	0.44	0.51	0.57	28.42	30.05	29.56	26.47	26.68	26.90
300	0.52	0.62	0.69	28.88	28.67	28.91	27.30	26.28	26.64
350	0.62	0.76	0.85	26.86	25.42	25.33	26.82	24.72	24.47
400	0.79	0.96	1.09	22.04	20.80	20.09	22.16	20.67	19.78
450	1.09	1.34	1.54	16.36	15.69	14.97	16.19	15.46	14.63
500	1.76	2.14	2.48	11.26	10.88	10.43	10.91	10.48	9.93
520	2.24	2.71	3.13	9.52	9.23	8.94	9.08	8.72	8.29
550	3.31	3.98	4.56	7.42	7.33	7.37	6.72	6.48	6.22
600	6.52	7.92	9.17	7.40	8.57	11.88	4.06	4.00	3.94
635	13.10	16.53	18.66	15.06	10.80	9.50	2.79	2.76	2.80
685	25.83	26.77	27.71	2.31	2.24	2.35	1.71	1.93	2.10
700	28.12	29.68	30.99	1.81	1.88	2.00	1.59	1.82	1.99
800	35.29	34.73	34.37	1.01	1.17	1.31	1.11	1.31	1.47
900	36.52	37.41	38.10	0.79	0.95	1.07	0.81	0.97	1.09
1000	53.13	52.52	50.37	0.64	0.80	0.92	0.60	0.74	0.83
1100	40.37	39.48	39.01	0.53	0.70	0.81	0.47	0.59	0.66
1200	36.73	36.49	36.45	0.45	0.62	0.72	0.39	0.50	0.56
1300	36.18	36.24	36.38	0.39	0.55	0.66	0.34	0.44	0.49
1400	37.15	37.41	37.69	0.35	0.50	0.61	0.31	0.41	0.45
1500	39.32	39.81	40.21	0.31	0.46	0.57	0.30	0.38	0.42
1600	43.02	43.78	44.41	0.29	0.44	0.54	0.28	0.37	0.40
1700	49.86	51.38	52.55	0.28	0.41	0.52	0.28	0.36	0.39
1800	57.69	54.88	53.03	0.26	0.40	0.50	0.27	0.35	0.38
1900	46.94	46.00	45.23	0.26	0.39	0.49	0.27	0.34	0.37
2000	42.28	41.77	41.33	0.25	0.39	0.48	0.27	0.34	0.37
2100	39.53	39.19	38.88	0.25	0.38	0.47	0.26	0.34	0.36
2200	37.67	37.42	37.19	0.25	0.38	0.47	0.26	0.34	0.36
2300	36.31	36.13	35.96	0.25	0.38	0.46	0.26	0.33	0.36
2400	35.27	35.16	35.03	0.26	0.38	0.46	0.26	0.33	0.36
2500	34.48	34.41	34.30	0.26	0.39	0.47	0.26	0.33	0.36
2600	33.88	33.83	33.76	0.25	0.39	0.47	0.26	0.33	0.36
2700	33.38	33.36	33.32	0.25	0.39	0.48	0.25	0.33	0.36
2800	32.99	33.02	32.99	0.25	0.40	0.48	0.25	0.33	0.37
2900	32.69	32.74	32.74	0.25	0.40	0.49	0.24	0.33	0.37
3000	32.46	32.54	32.55	0.25	0.40	0.50	0.24	0.33	0.37
3050	32.37	32.46	32.48	0.25	0.41	0.50	0.24	0.33	0.37
3100	32.28	32.39	32.41	0.26	0.41	0.50	0.24	0.33	0.38
3150	32.21	32.34	32.37	0.26	0.41	0.51	0.24	0.33	0.38
3200	32.14	32.29	32.33	0.26	0.41	0.51	0.24	0.33	0.38
3250	32.09	32.25	32.29	0.26	0.42	0.51	0.23	0.33	0.39
3300	32.06	32.21	32.27	0.26	0.42	0.51	0.23	0.33	0.39
3350	32.03	32.18	32.24	0.26	0.42	0.52	0.23	0.33	0.39
3400	31.99	32.15	32.21	0.27	0.42	0.52	0.23	0.33	0.39
3450	31.96	32.12	32.18	0.27	0.43	0.52	0.23	0.33	0.40
3500	31.94	32.10	32.16	0.27	0.43	0.52	0.23	0.33	0.40
3550	31.89	32.06	32.11	0.28	0.43	0.52	0.22	0.33	0.40
3600	31.84	32.00	32.05	0.29	0.43	0.53	0.22	0.33	0.41
3700	31.70	31.83	31.84	0.30	0.44	0.53	0.22	0.33	0.42
3800	31.43	31.46	31.38	0.31	0.46	0.55	0.21	0.34	0.43
3900	30.83	30.65	30.37	0.34	0.49	0.60	0.21	0.34	0.44
4000	29.43	28.67	27.86	0.42	0.59	0.89	0.22	0.37	0.50
4100	25.80	25.04	27.27	0.84	1.38	1.09	0.31	0.57	0.66
4200	30.74	37.13	41.55	0.84	0.67	0.75	0.32	0.40	0.50
4300	46.64	51.81	52.71	0.42	0.51	0.62	0.22	0.36	0.48
4500	49.09	49.60	50.00	0.31	0.48	0.62	0.19	0.36	0.50

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-55°C	@+25°C	@+100°C
10	0.88	0.93	0.89
20	0.89	0.90	0.90
30	0.89	0.90	0.89
40	0.89	0.90	0.89
50	0.89	0.90	0.89
60	0.89	0.89	0.89
70	0.89	0.89	0.89
80	0.89	0.89	0.89
90	0.89	0.89	0.89
100	0.89	0.89	0.89
110	0.90	0.90	0.90
120	0.90	0.90	0.90
130	0.90	0.90	0.90
140	0.91	0.91	0.91
150	0.91	0.91	0.91
160	0.92	0.92	0.92
170	0.92	0.92	0.92
180	0.93	0.93	0.93
190	0.93	0.93	0.94
200	0.94	0.94	0.94
210	0.94	0.95	0.95
220	0.96	0.96	0.96
230	0.97	0.97	0.97
240	0.98	0.98	0.98
250	0.99	0.99	1.00
260	1.00	1.01	1.01
270	1.02	1.02	1.02
280	1.03	1.03	1.04
290	1.05	1.05	1.06
300	1.06	1.07	1.07
310	1.08	1.09	1.09
320	1.10	1.11	1.11
330	1.12	1.13	1.14
340	1.15	1.15	1.16
350	1.17	1.18	1.19
360	1.20	1.21	1.22
370	1.23	1.24	1.25
380	1.26	1.27	1.28
390	1.29	1.30	1.32
395	1.31	1.32	1.34
400	1.33	1.34	1.36