

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	0.09	0.12	0.16	38.25	36.40	34.36	38.18	36.21	34.25
50	0.14	0.17	0.22	31.11	30.09	29.26	31.09	30.01	29.19
100	0.18	0.22	0.28	27.01	26.67	26.30	26.97	26.57	26.17
200	0.26	0.31	0.39	22.89	23.26	23.72	22.73	23.08	23.48
500	0.45	0.53	0.65	19.28	19.33	19.97	19.19	19.27	19.87
1000	0.74	0.88	1.10	35.30	38.37	34.72	37.47	40.63	37.02
1200	0.99	1.17	1.47	26.73	26.77	25.61	25.28	25.15	24.34
1460	2.54	3.23	4.44	11.16	9.82	8.00	11.50	10.07	8.17
1850	31.07	32.19	33.71	0.75	0.85	1.01	0.73	0.83	0.98
2900	83.91	84.71	91.68	0.40	0.47	0.58	0.39	0.47	0.57
3800	96.69	93.02	106.46	0.27	0.37	0.47	0.29	0.40	0.49
4000	99.89	93.86	98.63	0.26	0.37	0.47	0.29	0.41	0.50
4800	93.57	99.22	95.23	0.34	0.47	0.58	0.37	0.52	0.61
5000	90.89	98.06	97.38	0.38	0.51	0.62	0.40	0.55	0.64
5800	95.24	90.07	96.54	0.53	0.65	0.77	0.53	0.65	0.75
6000	94.58	90.72	97.83	0.56	0.67	0.79	0.55	0.66	0.76
6500	96.35	99.18	96.11	0.60	0.70	0.81	0.58	0.67	0.77
7000	96.49	90.03	96.09	0.62	0.69	0.81	0.60	0.67	0.77
7500	101.46	118.88	109.12	0.62	0.68	0.80	0.62	0.68	0.78
8000	96.69	95.71	97.27	0.61	0.68	0.80	0.63	0.70	0.80
8400	107.46	93.98	110.92	0.61	0.69	0.82	0.64	0.72	0.83
9000	67.37	61.34	55.82	0.67	0.85	1.07	0.70	0.86	1.05
9300	48.20	51.03	53.37	0.84	0.88	0.97	0.82	0.89	0.97
10000	72.79	75.71	78.72	0.59	0.78	0.90	0.59	0.78	0.89
10500	79.63	80.98	79.30	0.58	0.82	0.98	0.57	0.82	0.97
11000	73.72	70.78	67.53	0.65	0.97	1.29	0.68	1.02	1.38
11200	67.71	64.47	59.98	0.77	1.22	1.90	0.89	1.43	2.27
12000	74.55	79.50	84.78	0.97	1.10	1.21	0.87	1.09	1.21
12500	98.51	100.00	90.26	0.83	1.00	1.15	0.85	1.04	1.18
13000	85.54	85.78	83.97	0.90	1.01	1.15	0.94	1.07	1.19
13500	82.27	81.30	80.83	0.97	1.03	1.16	1.00	1.08	1.19
14000	78.41	77.49	75.69	1.00	1.04	1.18	1.02	1.07	1.18
14500	70.65	67.74	63.96	0.99	1.04	1.19	0.99	1.05	1.18
15000	53.77	52.19	54.68	0.97	1.07	1.22	0.98	1.06	1.21
15500	57.53	61.75	66.83	0.90	1.03	1.20	0.91	1.04	1.21
16000	70.43	72.28	75.23	0.85	1.05	1.25	0.86	1.07	1.27
17000	63.14	62.66	64.91	0.88	1.21	1.42	0.89	1.25	1.46
18000	63.58	62.81	61.40	0.94	1.32	1.54	0.97	1.36	1.56
19000	44.12	44.52	45.37	1.18	1.44	1.62	1.18	1.42	1.60
20000	31.89	33.26	33.30	1.50	1.63	2.00	1.66	1.74	2.14
21000	34.86	39.90	45.64	1.69	1.73	2.10	2.04	2.34	3.18
23000	78.96	77.39	78.09	1.50	1.72	1.89	1.38	1.67	1.86
25000	74.03	73.37	73.89	1.12	1.69	1.98	1.17	1.69	1.98
26000	72.01	72.14	71.55	1.47	1.91	2.21	1.51	1.90	2.18
27000	69.12	70.40	72.63	1.90	2.06	2.37	1.87	2.07	2.39
28000	81.73	83.60	93.94	1.78	1.92	2.21	1.81	1.99	2.28
29000	78.20	65.08	60.24	1.49	1.83	2.02	1.54	1.86	2.16
30000	59.27	59.64	60.69	1.25	1.76	2.17	1.34	1.92	2.33
31000	58.93	56.04	54.77	1.65	2.56	3.12	1.70	2.57	3.16
32000	48.71	45.12	39.44	2.68	3.69	4.98	2.76	3.62	5.03
33000	28.31	28.16	30.87	6.13	6.66	5.19	7.34	6.10	5.00
34000	29.80	30.18	30.08	2.99	3.02	4.02	3.21	3.65	5.11
35000	26.26	30.94	39.87	4.83	4.58	3.47	5.56	4.35	3.71
35500	34.98	40.26	46.62	3.61	3.21	3.07	3.26	3.35	3.46
36000	44.18	46.55	49.43	2.70	3.02	3.24	2.60	3.22	3.62
36500	48.65	48.69	48.54	2.47	3.08	3.58	2.37	3.19	3.83
37000	48.37	46.35	43.29	2.33	3.20	4.07	2.27	3.21	4.16
38000	33.78	37.34	44.35	3.32	3.96	3.88	3.66	3.85	3.85
39000	45.48	48.26	50.19	3.02	3.53	4.33	3.11	3.44	4.28
40000	50.94	50.48	51.49	4.05	4.21	5.62	3.75	4.41	5.91

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-55°C	@+25°C	@+125°C
10	0.78	0.78	0.79
25	0.77	0.77	0.79
50	0.76	0.76	0.78
100	0.75	0.75	0.77
120	0.74	0.75	0.76
140	0.74	0.75	0.76
160	0.74	0.75	0.76
180	0.74	0.75	0.76
200	0.74	0.75	0.76
250	0.74	0.75	0.76
280	0.74	0.75	0.76
300	0.75	0.75	0.76
350	0.75	0.76	0.77
380	0.75	0.76	0.77
400	0.76	0.76	0.77
420	0.76	0.77	0.78
450	0.76	0.77	0.78
480	0.77	0.77	0.79
500	0.77	0.78	0.79
540	0.78	0.78	0.80
580	0.79	0.79	0.80
600	0.79	0.80	0.81
650	0.80	0.81	0.82
680	0.81	0.82	0.83
700	0.82	0.82	0.84
750	0.83	0.84	0.85
780	0.84	0.85	0.87
800	0.85	0.86	0.87
850	0.87	0.88	0.90
900	0.90	0.91	0.92
910	0.90	0.91	0.93
930	0.91	0.92	0.94
950	0.92	0.94	0.95
1000	0.96	0.97	0.99
1100	1.03	1.05	1.07
1200	1.15	1.17	1.20