

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	0.16	0.21	0.26	32.44	30.75	29.22	32.65	30.83	29.35
50	0.27	0.32	0.38	23.72	23.21	22.87	23.73	23.21	22.87
100	0.38	0.45	0.51	19.15	19.09	19.15	19.14	19.08	19.15
200	0.60	0.68	0.77	14.88	15.14	15.50	14.88	15.14	15.51
530	1.16	1.38	1.67	32.32	29.55	26.46	29.58	27.77	25.43
670	2.63	3.34	4.46	18.68	15.37	11.70	16.51	14.04	10.98
840	31.33	32.43	33.84	0.60	0.71	0.83	0.57	0.68	0.80
1250	76.34	78.66	81.17	0.42	0.51	0.61	0.39	0.48	0.58
2000	93.79	95.69	95.84	0.34	0.42	0.51	0.32	0.41	0.50
2800	90.99	85.52	102.57	0.24	0.33	0.41	0.24	0.32	0.40
3800	86.92	87.16	89.58	0.26	0.36	0.44	0.25	0.35	0.43
4000	88.42	90.34	88.61	0.28	0.39	0.47	0.28	0.38	0.46
4500	90.64	92.75	95.18	0.36	0.48	0.57	0.34	0.46	0.54
5000	91.39	90.74	83.27	0.49	0.66	0.84	0.45	0.62	0.80
5500	84.63	86.13	89.71	0.52	0.66	0.77	0.46	0.60	0.70
6000	85.12	87.58	84.57	0.54	0.70	0.81	0.47	0.63	0.74
6850	86.76	89.49	87.92	0.59	0.76	0.88	0.52	0.69	0.81
7000	87.46	84.01	86.12	0.61	0.77	0.91	0.54	0.72	0.84
7500	86.69	84.30	84.35	0.66	0.80	0.92	0.60	0.75	0.86
8000	88.46	83.85	84.49	0.67	0.81	0.92	0.60	0.76	0.87
8100	87.71	84.07	84.50	0.68	0.81	0.92	0.60	0.76	0.87
9000	75.86	81.54	80.75	0.67	0.80	0.90	0.58	0.75	0.84
9300	78.55	80.54	80.14	0.62	0.78	0.88	0.56	0.73	0.83
10000	78.09	79.71	79.75	0.56	0.75	0.87	0.50	0.69	0.80
10200	78.09	77.68	78.21	0.55	0.75	0.88	0.49	0.69	0.81
11000	77.84	78.56	78.21	0.59	0.83	0.97	0.52	0.74	0.89
11800	71.59	70.31	67.83	0.73	1.00	1.19	0.63	0.91	1.09
12000	63.59	62.57	65.43	0.81	1.08	1.23	0.71	0.99	1.13
12500	66.94	68.59	67.63	0.86	1.12	1.28	0.79	1.06	1.21
13000	62.54	61.16	62.35	0.93	1.18	1.33	0.89	1.17	1.29
13500	59.33	62.57	65.14	0.95	1.19	1.35	0.95	1.21	1.33
14000	64.98	66.07	65.63	0.94	1.19	1.38	0.95	1.21	1.36
14500	62.59	62.78	62.35	0.95	1.23	1.49	0.95	1.28	1.55
15000	71.35	66.19	61.92	1.19	1.42	1.67	1.24	1.43	1.58
15500	57.05	58.96	52.96	1.38	1.99	2.81	1.18	1.70	2.39
16000	34.96	34.34	34.75	2.73	2.35	2.26	3.21	2.92	2.49
17000	27.18	27.39	28.77	1.76	2.18	2.49	1.79	2.13	2.28
18000	33.66	36.92	38.72	1.65	1.95	2.28	1.45	1.76	2.07
19000	33.88	37.26	42.07	2.64	2.40	2.19	2.53	2.30	2.12
20000	58.15	62.65	66.42	1.28	1.65	1.90	1.20	1.58	1.81
21000	66.25	63.54	58.09	1.36	1.90	2.45	1.33	1.99	2.62
22000	39.59	44.74	52.61	2.49	2.86	2.69	2.64	2.73	2.46
25000	71.24	71.40	72.97	1.34	1.94	2.28	1.08	1.64	1.98
30000	62.43	61.29	59.57	1.27	1.92	2.35	1.24	1.83	2.20
30500	59.13	57.79	56.18	1.41	2.12	2.64	1.33	1.95	2.40
31000	54.72	53.28	51.41	1.73	2.49	3.00	1.53	2.22	2.64
31500	50.02	50.82	49.22	2.20	2.95	3.29	1.80	2.53	2.89
32000	48.87	43.60	38.35	2.47	3.13	3.46	2.04	2.65	3.09
32500	36.82	34.25	36.50	2.48	3.19	3.49	2.18	2.87	3.14
33000	35.82	38.09	39.45	2.26	2.97	3.59	2.07	2.71	3.27
33500	38.90	39.72	39.90	2.18	3.05	4.10	1.98	2.85	3.80
34000	38.70	38.86	40.96	2.66	3.98	4.55	2.39	3.81	5.21
34500	38.55	42.23	46.17	3.91	3.68	3.35	4.36	5.60	4.60
35000	45.69	46.31	41.97	2.49	2.67	2.89	4.19	3.97	3.59
35500	42.45	38.05	38.25	2.08	2.53	2.90	2.81	3.26	3.34
36000	37.15	39.90	41.56	2.06	2.53	3.04	2.49	3.01	3.28
36500	41.46	42.66	42.91	2.06	2.64	3.27	2.19	2.85	3.22
37000	42.71	43.15	44.48	2.11	2.80	3.46	1.97	2.61	3.09
38000	46.29	46.82	47.63	2.48	3.45	3.93	1.82	2.74	3.07
40000	26.17	27.89	27.89	3.15	3.90	4.45	3.48	4.53	5.41

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-55°C	@+25°C	@+125°C
10	1.72	1.72	1.75
20	1.71	1.71	1.74
30	1.69	1.71	1.73
40	1.69	1.70	1.73
50	1.68	1.70	1.72
60	1.68	1.70	1.72
70	1.67	1.69	1.72
100	1.67	1.69	1.71
110	1.67	1.69	1.71
120	1.67	1.69	1.71
130	1.67	1.69	1.71
140	1.68	1.69	1.72
150	1.68	1.70	1.72
160	1.68	1.70	1.72
170	1.68	1.70	1.73
180	1.69	1.71	1.73
190	1.69	1.71	1.74
200	1.70	1.72	1.74
210	1.71	1.73	1.75
220	1.71	1.73	1.76
230	1.72	1.74	1.76
240	1.73	1.75	1.77
250	1.74	1.76	1.78
260	1.75	1.77	1.79
270	1.76	1.78	1.81
280	1.77	1.79	1.82
290	1.79	1.80	1.83
300	1.80	1.82	1.85
320	1.83	1.85	1.88
360	1.90	1.93	1.95
380	1.95	1.97	2.00
400	1.99	2.02	2.05
420	2.04	2.07	2.10
440	2.10	2.13	2.17
460	2.17	2.20	2.24
530	2.47	2.51	2.58