

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(MHz)	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
10	107.13	101.76	112.02	0.04	0.04	0.04	0.03	0.03	0.03
14	109.00	113.49	109.73	0.04	0.04	0.04	0.03	0.03	0.03
20	100.08	108.26	106.75	0.04	0.04	0.04	0.03	0.03	0.04
22	106.46	109.01	108.93	0.04	0.04	0.05	0.03	0.03	0.04
20	100.08	108.26	106.75	0.04	0.04	0.04	0.03	0.03	0.04
26	102.82	98.66	105.37	0.04	0.04	0.05	0.03	0.03	0.03
30	98.82	98.91	99.36	0.04	0.05	0.05	0.03	0.03	0.03
36	97.08	95.67	92.97	0.05	0.06	0.06	0.02	0.03	0.03
40	89.59	93.38	91.15	0.06	0.07	0.07	0.02	0.03	0.03
46	85.78	86.01	86.45	0.07	0.08	0.09	0.02	0.02	0.02
50	84.38	84.71	84.26	0.09	0.10	0.11	0.02	0.02	0.02
52	83.34	82.86	82.36	0.10	0.11	0.12	0.02	0.02	0.02
54	81.56	82.15	82.18	0.10	0.12	0.13	0.02	0.02	0.02
60	79.50	79.61	78.80	0.13	0.15	0.17	0.02	0.02	0.03
64	76.92	77.27	77.72	0.15	0.17	0.19	0.02	0.03	0.03
70	75.08	74.73	74.68	0.17	0.20	0.23	0.02	0.03	0.03
80	71.40	71.05	71.24	0.22	0.26	0.29	0.02	0.03	0.03
90	68.18	68.06	68.05	0.29	0.33	0.37	0.02	0.03	0.03
100	65.52	65.54	65.58	0.35	0.41	0.45	0.02	0.03	0.03
120	61.78	61.83	61.79	0.43	0.49	0.53	0.01	0.02	0.03
140	59.37	59.46	59.43	0.39	0.44	0.48	0.02	0.03	0.05
160	57.74	57.72	57.74	0.34	0.38	0.41	0.03	0.04	0.05
200	55.34	55.30	55.19	0.25	0.27	0.30	0.04	0.05	0.07
300	72.67	70.88	69.48	1.80	2.10	2.33	0.16	0.18	0.20
375	35.69	35.12	34.72	0.70	0.76	0.86	0.76	0.90	1.00
384	21.08	20.61	20.28	1.13	1.29	1.46	1.35	1.59	1.82
390	11.65	11.35	11.18	2.28	2.69	3.02	2.81	3.32	3.80
398	3.41	3.62	3.83	10.52	11.57	12.00	13.75	15.33	16.57
400	2.74	2.98	3.21	13.97	15.04	15.28	19.49	21.69	22.89
410	1.71	1.93	2.12	28.73	28.51	27.74	32.67	33.89	34.04
420	1.47	1.66	1.83	19.08	18.83	18.72	20.84	21.33	21.27
424	1.43	1.61	1.77	18.04	18.07	18.15	19.46	20.22	20.32
426	1.41	1.58	1.75	17.97	18.10	18.26	19.33	20.21	20.35
430	1.37	1.54	1.70	18.82	19.17	19.46	19.88	21.00	21.17
432	1.35	1.52	1.68	19.65	20.14	20.50	20.46	21.69	21.85
435	1.33	1.50	1.65	21.34	22.15	22.61	21.53	22.87	22.95
440	1.31	1.47	1.63	25.90	28.07	28.85	23.24	24.29	24.18
442	1.30	1.47	1.63	27.82	31.08	32.20	23.62	24.38	24.26
444	1.30	1.48	1.64	29.18	33.10	34.65	23.77	24.24	24.18
446	1.31	1.48	1.64	29.68	32.75	34.33	23.78	23.98	24.02
450	1.32	1.50	1.66	28.35	28.97	30.31	23.87	23.73	24.06
460	1.40	1.59	1.77	30.58	29.59	32.23	28.88	28.08	29.58
470	1.61	1.84	2.06	23.34	23.72	22.47	24.61	24.77	23.61
482	2.94	3.35	3.72	8.80	8.63	8.42	10.14	10.02	9.99
510	22.67	23.39	24.05	0.83	0.91	0.99	1.69	1.92	2.10
520	32.14	32.92	33.62	0.63	0.68	0.75	1.48	1.71	1.88
600	64.98	65.02	64.95	0.30	0.28	0.32	0.64	0.71	0.80
700	61.60	61.79	61.91	0.25	0.19	0.22	0.40	0.43	0.49
800	68.43	68.32	68.26	0.26	0.19	0.22	0.40	0.46	0.51
1000	85.63	86.24	84.58	0.27	0.16	0.19	0.42	0.51	0.57
1500	80.62	81.08	81.74	0.42	0.25	0.28	0.43	0.40	0.47
1800	72.46	72.97	72.89	0.48	0.28	0.32	0.44	0.42	0.49
2000	68.11	68.10	68.39	0.55	0.34	0.38	0.41	0.44	0.49
2100	74.97	75.28	74.44	0.55	0.34	0.37	0.38	0.43	0.49
2200	66.71	67.13	67.33	0.57	0.34	0.38	0.34	0.41	0.48
2500	64.01	64.62	64.21	0.60	0.37	0.41	0.29	0.43	0.51
2600	64.40	64.83	64.62	0.60	0.37	0.41	0.30	0.45	0.54
2700	61.24	61.70	61.21	0.60	0.37	0.41	0.35	0.49	0.59
2900	62.09	62.67	63.12	0.60	0.38	0.18	0.53	0.62	0.74
3000	69.37	67.24	66.63	0.59	0.37	0.41	0.68	0.72	0.85

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-40°C	@+25°C	@+85°C
410	17.57	17.32	17.15
411	17.07	16.84	16.69
412	16.62	16.41	16.27
413	16.20	16.01	15.87
414	15.81	15.63	15.51
415	15.45	15.29	15.17
416	15.12	14.97	14.87
417	14.82	14.68	14.59
418	14.54	14.41	14.32
419	14.28	14.17	14.09
420	14.05	13.94	13.87
421	13.82	13.73	13.66
422	13.61	13.52	13.46
423	13.40	13.32	13.27
424	13.20	13.13	13.09
425	13.03	12.97	12.93
426	12.88	12.83	12.79
427	12.76	12.71	12.67
428	12.65	12.61	12.57
429	12.55	12.52	12.48
430	12.46	12.43	12.40
440	11.85	11.84	11.83
442	11.82	11.82	11.81
444	11.80	11.80	11.80
446	11.77	11.77	11.78
448	11.76	11.76	11.78
450	11.79	11.80	11.82
452	11.86	11.87	11.90
460	12.46	12.51	12.57
465	13.15	13.23	13.31
470	14.21	14.34	14.44