

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
1	100.04	105.49	123.02	0.00	0.00	0.00	0.00	0.00	0.00
5	105.45	105.23	107.73	0.00	0.00	0.00	0.00	0.00	0.00
50	101.12	96.07	93.50	0.01	0.01	0.02	0.01	0.01	0.01
100	84.38	82.21	82.25	0.02	0.04	0.04	0.02	0.03	0.03
125	75.40	74.15	74.83	0.04	0.06	0.06	0.03	0.04	0.05
150	67.66	67.72	67.47	0.06	0.08	0.09	0.04	0.06	0.07
175	60.42	60.30	60.18	0.08	0.11	0.12	0.05	0.07	0.09
200	53.26	53.23	53.10	0.12	0.15	0.16	0.07	0.10	0.12
225	46.27	46.26	46.20	0.16	0.20	0.21	0.11	0.14	0.16
245	40.78	40.81	40.78	0.20	0.23	0.25	0.13	0.16	0.19
250	39.43	39.46	39.43	0.21	0.24	0.26	0.14	0.17	0.20
260	36.73	36.77	36.76	0.23	0.27	0.29	0.16	0.20	0.22
270	34.06	34.11	34.10	0.26	0.30	0.32	0.18	0.22	0.25
275	32.72	32.77	32.77	0.27	0.32	0.34	0.19	0.23	0.26
280	31.40	31.44	31.44	0.29	0.33	0.35	0.21	0.25	0.28
285	30.07	30.12	30.12	0.30	0.35	0.37	0.22	0.26	0.29
290	28.75	28.80	28.80	0.32	0.37	0.39	0.24	0.28	0.31
295	27.43	27.47	27.48	0.34	0.39	0.42	0.25	0.30	0.33
300	26.12	26.15	26.16	0.36	0.41	0.44	0.28	0.33	0.36
305	24.81	24.83	24.83	0.38	0.44	0.47	0.30	0.35	0.39
310	23.50	23.51	23.51	0.41	0.47	0.50	0.32	0.38	0.42
315	22.18	22.19	22.18	0.44	0.50	0.54	0.36	0.42	0.46
320	20.87	20.86	20.85	0.47	0.54	0.58	0.39	0.46	0.50
325	19.55	19.53	19.51	0.51	0.59	0.63	0.43	0.50	0.55
330	18.24	18.20	18.17	0.56	0.64	0.69	0.48	0.56	0.61
335	16.92	16.87	16.83	0.62	0.71	0.76	0.54	0.63	0.69
340	15.60	15.53	15.49	0.69	0.79	0.85	0.62	0.72	0.78
345	14.28	14.20	14.15	0.78	0.89	0.96	0.72	0.82	0.90
350	12.97	12.87	12.81	0.90	1.02	1.10	0.84	0.96	1.05
355	11.66	11.56	11.49	1.04	1.19	1.28	0.99	1.14	1.24
360	10.38	10.26	10.18	1.23	1.40	1.51	1.19	1.36	1.49
365	9.12	9.00	8.91	1.48	1.68	1.81	1.45	1.66	1.81
370	7.90	7.78	7.68	1.80	2.04	2.20	1.79	2.04	2.22
375	6.73	6.62	6.52	2.22	2.50	2.71	2.23	2.53	2.76
380	5.64	5.54	5.45	2.77	3.11	3.37	2.81	3.17	3.46
385	4.65	4.57	4.49	3.47	3.88	4.21	3.54	3.98	4.35
390	3.77	3.72	3.66	4.35	4.84	5.27	4.47	5.01	5.48
395	3.01	3.00	2.96	5.45	6.03	6.56	5.63	6.28	6.87
400	2.39	2.41	2.40	6.79	7.46	8.12	7.05	7.83	8.56
425	0.93	1.07	1.14	17.74	18.70	20.03	20.11	22.27	25.71
450	0.70	0.83	0.92	21.50	21.28	20.63	22.22	21.91	21.05
500	0.55	0.65	0.72	21.07	22.37	23.38	20.83	22.03	22.87
550	0.44	0.54	0.61	37.29	34.49	30.17	60.61	36.69	30.07
600	0.41	0.52	0.59	22.56	21.26	19.78	22.03	20.81	19.39
650	0.42	0.53	0.60	18.37	17.76	16.83	17.83	17.27	16.41
675	0.43	0.53	0.61	17.46	17.02	16.23	16.91	16.50	15.78
700	0.42	0.53	0.60	16.93	16.62	15.94	16.37	16.07	15.46
750	0.41	0.51	0.58	16.64	16.49	16.02	16.09	15.94	15.53
800	0.39	0.49	0.55	17.01	16.96	16.74	16.44	16.39	16.21
850	0.36	0.46	0.52	17.78	17.84	17.95	17.23	17.28	17.38
900	0.34	0.44	0.49	18.85	19.07	19.63	18.29	18.49	18.96
950	0.32	0.41	0.47	20.16	20.66	21.85	19.63	20.08	20.99
1000	0.30	0.40	0.45	21.70	22.64	24.73	21.22	22.03	23.44
1250	0.25	0.37	0.46	40.70	37.37	27.92	42.73	32.37	25.61
1500	0.27	0.42	0.52	27.13	22.59	20.05	26.23	21.83	19.37
1750	0.29	0.46	0.58	22.55	19.55	17.86	21.86	19.00	17.41
2000	0.30	0.49	0.61	21.42	19.03	17.53	20.88	18.58	17.18
2250	0.30	0.49	0.62	22.97	19.98	18.24	22.24	19.61	17.95
2500	0.30	0.50	0.64	26.05	21.89	19.93	25.72	21.97	19.87
2750	0.32	0.52	0.66	25.90	24.03	22.80	26.86	24.98	23.16

High Pass Filter

ZX75HP-395-S+

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
650	1.32	1.29	1.29
655	1.30	1.27	1.27
660	1.28	1.27	1.26
665	1.26	1.25	1.24
670	1.25	1.23	1.22
675	1.23	1.21	1.21
680	1.21	1.21	1.19
685	1.20	1.19	1.17
690	1.18	1.17	1.16
695	1.16	1.14	1.14
700	1.15	1.13	1.13
705	1.14	1.12	1.11
710	1.12	1.10	1.10
715	1.11	1.10	1.09
720	1.10	1.09	1.08
725	1.08	1.07	1.07
735	1.06	1.04	1.04
740	1.05	1.05	1.03
745	1.04	1.02	1.02
750	1.03	1.01	1.01
755	1.02	1.00	1.00
760	1.01	1.00	0.99
765	1.00	0.99	0.98
770	0.99	0.99	0.97
775	0.98	0.97	0.96
780	0.97	0.96	0.95
785	0.96	0.95	0.95
790	0.95	0.94	0.94
795	0.94	0.94	0.93
800	0.93	0.91	0.92
805	0.93	0.91	0.91
810	0.92	0.91	0.90
815	0.91	0.90	0.90
820	0.90	0.90	0.89
825	0.90	0.88	0.88
850	0.86	0.84	0.85
875	0.83	0.84	0.82
895	0.81	0.79	0.80
900	0.80	0.78	0.79
925	0.78	0.77	0.77
950	0.75	0.74	0.74
1000	0.71	0.69	0.70
1100	0.64	0.62	0.63
1200	0.59	0.58	0.58
1300	0.55	0.55	0.54
1400	0.52	0.52	0.51
1500	0.50	0.50	0.48
1600	0.48	0.47	0.46
1700	0.46	0.45	0.45
1800	0.45	0.42	0.43
1900	0.44	0.42	0.42
2000	0.43	0.42	0.41
2100	0.42	0.41	0.41
2200	0.41	0.40	0.40
2300	0.41	0.38	0.39
2400	0.40	0.38	0.39
2500	0.40	0.39	0.38
2600	0.40	0.37	0.38
2700	0.39	0.39	0.38
2750	0.39	0.38	0.38