

## 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
0	92.49	99.73	99.10	0.00	0.00	0.00	0.02	0.01	0.03
1	92.98	115.54	96.28	0.00	0.00	0.00	0.01	0.01	0.02
1	112.83	107.84	101.84	0.00	0.00	0.00	0.01	0.01	0.01
1	105.85	100.97	101.02	0.00	0.00	0.00	0.00	0.00	0.01
3	108.21	94.83	102.08	0.00	0.00	0.00	0.00	0.00	0.00
7	105.98	114.41	107.41	0.00	0.00	0.00	0.00	0.00	0.00
11	98.06	102.68	97.40	0.00	0.00	0.00	0.00	0.00	0.00
23	100.19	110.91	106.84	0.01	0.01	0.01	0.01	0.01	0.01
33	100.66	94.04	96.76	0.01	0.01	0.01	0.01	0.01	0.01
45	91.96	100.79	101.41	0.02	0.02	0.02	0.01	0.02	0.02
53	103.96	92.22	96.94	0.02	0.03	0.03	0.02	0.02	0.02
65	87.26	85.29	86.84	0.03	0.04	0.04	0.02	0.03	0.04
75	79.19	78.87	78.22	0.04	0.05	0.06	0.03	0.04	0.05
87	71.52	71.32	70.88	0.05	0.07	0.07	0.04	0.06	0.07
95	65.81	65.50	65.37	0.07	0.08	0.09	0.05	0.07	0.08
101	62.05	61.92	61.63	0.08	0.10	0.11	0.06	0.08	0.09
109	57.29	57.02	56.77	0.09	0.12	0.13	0.08	0.10	0.11
121	50.29	50.11	49.89	0.12	0.15	0.16	0.10	0.13	0.15
129	45.90	45.72	45.54	0.15	0.18	0.19	0.12	0.15	0.17
135	42.72	42.56	42.38	0.17	0.20	0.22	0.14	0.17	0.20
141	39.60	39.47	39.29	0.19	0.22	0.25	0.16	0.19	0.22
149	35.53	35.42	35.26	0.23	0.27	0.29	0.20	0.23	0.27
157	31.54	31.46	31.32	0.27	0.31	0.34	0.24	0.28	0.32
159	30.79	30.71	30.58	0.28	0.33	0.35	0.25	0.29	0.34
159	30.55	30.48	30.35	0.28	0.33	0.35	0.25	0.29	0.34
165	27.62	27.56	27.45	0.32	0.37	0.41	0.29	0.35	0.39
174	23.74	23.70	23.62	0.40	0.45	0.49	0.37	0.43	0.48
178	21.81	21.80	21.72	0.45	0.51	0.55	0.43	0.49	0.55
184	18.94	18.94	18.88	0.54	0.61	0.66	0.53	0.60	0.67
194	14.21	14.23	14.20	0.82	0.91	0.98	0.83	0.93	1.01
202	10.55	10.58	10.58	1.26	1.39	1.47	1.30	1.44	1.55
212	6.43	6.47	6.49	2.46	2.66	2.81	2.58	2.80	2.98
220	3.87	3.92	3.97	4.40	4.73	4.95	4.62	4.99	5.27
224	2.93	2.99	3.04	5.81	6.24	6.52	6.12	6.61	6.96
225	2.68	2.74	2.79	6.36	6.82	7.13	6.70	7.25	7.62
226	2.55	2.61	2.67	6.64	7.12	7.44	7.00	7.57	7.96
242	1.02	1.13	1.21	15.80	17.04	17.96	17.06	18.96	20.56
254	0.75	0.86	0.94	23.75	24.85	25.11	25.65	27.37	27.99
270	0.62	0.72	0.80	28.93	28.36	26.80	27.30	26.56	25.64
280	0.56	0.66	0.73	33.17	33.34	31.03	29.58	29.09	28.43
290	0.51	0.61	0.67	47.34	55.66	43.16	33.96	33.01	33.69
294	0.50	0.59	0.65	44.16	38.82	38.77	35.03	32.95	34.06
300	0.48	0.57	0.63	34.66	31.45	31.26	33.12	30.23	30.63
320	0.45	0.54	0.60	24.62	22.68	22.01	24.59	22.61	22.02
360	0.42	0.52	0.58	18.88	17.65	16.82	18.58	17.37	16.61
410	0.40	0.48	0.55	17.20	16.58	15.85	16.77	16.14	15.51
460	0.36	0.44	0.49	17.57	17.46	16.98	17.06	16.89	16.52
525	0.31	0.38	0.43	19.57	19.98	19.95	18.97	19.30	19.35
650	0.25	0.32	0.37	26.92	29.30	31.21	26.31	28.10	29.65
925	0.23	0.33	0.40	26.63	24.25	22.01	25.54	23.31	21.25
1025	0.25	0.36	0.45	24.15	21.65	19.85	23.08	20.84	19.19
1225	0.27	0.40	0.50	21.26	18.83	17.50	20.66	18.36	17.14
1400	0.28	0.43	0.54	19.96	17.61	16.49	19.66	17.40	16.35
1575	0.30	0.46	0.58	18.86	17.06	16.02	18.88	17.11	16.14
1825	0.31	0.48	0.62	18.86	17.16	15.96	19.09	17.45	16.28
2475	0.32	0.51	0.70	23.83	21.74	19.45	24.34	22.14	19.46
2650	0.33	0.53	0.73	24.97	24.04	21.62	25.19	24.09	21.14
2800	0.35	0.55	0.76	24.38	25.59	23.61	24.18	25.14	22.58
2900	0.36	0.57	0.77	23.45	25.75	24.41	23.11	25.08	23.22
3000	0.37	0.59	0.81	22.71	24.87	23.74	22.17	24.06	22.82

# High Pass Filter

# ZX75HP-225-S+

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
360	2.19	2.17	2.16
370	2.06	2.05	2.04
380	1.95	1.93	1.92
390	1.85	1.83	1.82
400	1.76	1.74	1.73
410	1.68	1.66	1.65
420	1.60	1.59	1.58
430	1.53	1.52	1.52
440	1.47	1.46	1.46
450	1.42	1.41	1.40
460	1.36	1.35	1.35
470	1.31	1.31	1.30
480	1.27	1.26	1.26
490	1.22	1.22	1.21
500	1.17	1.17	1.16
525	1.12	1.11	1.11
550	1.06	1.05	1.05
575	1.00	0.99	0.99
600	0.94	0.93	0.93
625	0.89	0.88	0.88
650	0.85	0.84	0.84
675	0.81	0.80	0.80
700	0.77	0.76	0.76
725	0.74	0.73	0.73
750	0.71	0.71	0.70
775	0.69	0.68	0.68
800	0.67	0.66	0.66
825	0.65	0.64	0.64
850	0.63	0.62	0.62
875	0.61	0.60	0.60
900	0.60	0.59	0.59
925	0.58	0.57	0.57
950	0.57	0.56	0.56
975	0.55	0.55	0.54
1000	0.54	0.53	0.53
1025	0.53	0.52	0.52
1075	0.51	0.50	0.50
1100	0.50	0.50	0.49
1125	0.50	0.49	0.49
1150	0.49	0.48	0.48
1175	0.48	0.48	0.47
1250	0.47	0.46	0.45
1300	0.46	0.45	0.45
1325	0.45	0.44	0.44
1450	0.44	0.43	0.43
1525	0.43	0.42	0.42
1550	0.42	0.41	0.41
1650	0.41	0.40	0.40
1750	0.40	0.40	0.39
1875	0.40	0.39	0.39
2000	0.39	0.38	0.38
2075	0.39	0.38	0.38
2175	0.38	0.38	0.37
2275	0.38	0.37	0.37
2375	0.38	0.37	0.37
2525	0.38	0.37	0.37
2675	0.37	0.37	0.37
2825	0.37	0.37	0.37
2900	0.37	0.37	0.37
3000	0.37	0.37	0.37