

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
0.3	96.60	100.96	99.84	0.00	0.00	0.00	0.00	0.00	0.00
1	101.43	100.74	95.78	-0.01	0.00	-0.01	0.00	0.00	0.00
5	97.96	100.90	97.41	0.00	0.00	0.00	0.01	0.01	0.01
10	100.26	111.22	101.43	0.00	0.00	0.01	0.00	0.01	0.02
30	83.47	81.05	83.80	0.03	0.03	0.04	0.03	0.04	0.04
40	68.25	66.37	66.46	0.06	0.07	0.08	0.06	0.08	0.08
50	50.04	49.62	49.56	0.12	0.14	0.16	0.14	0.16	0.17
60	36.39	36.18	36.02	0.24	0.27	0.30	0.27	0.30	0.32
64	31.38	31.16	31.00	0.31	0.36	0.38	0.34	0.38	0.41
70	24.17	24.00	23.84	0.48	0.54	0.58	0.51	0.58	0.61
80	12.76	12.68	12.58	1.30	1.42	1.51	1.35	1.48	1.57
90	3.93	4.01	4.05	5.85	6.13	6.36	5.93	6.23	6.45
92	2.95	3.05	3.10	7.93	8.24	8.52	8.01	8.35	8.61
100	1.29	1.40	1.46	22.44	23.30	23.97	22.31	23.34	23.83
105	1.02	1.11	1.18	42.64	35.65	34.07	47.42	38.47	36.31
110	0.87	0.97	1.02	29.26	27.33	26.70	32.15	29.47	28.75
115	0.78	0.86	0.90	28.48	26.81	26.24	34.29	30.83	29.87
120	0.71	0.78	0.83	28.85	27.69	27.24	49.36	38.38	35.90
125	0.65	0.71	0.75	27.83	27.75	27.73	35.01	41.60	47.99
130	0.59	0.65	0.69	25.93	26.42	26.79	28.77	31.04	32.71
135	0.56	0.62	0.65	24.27	24.79	25.29	25.66	26.91	27.91
140	0.53	0.58	0.61	23.08	23.47	23.96	23.87	24.59	25.33
145	0.50	0.55	0.57	22.36	22.55	22.97	22.78	23.15	23.71
150	0.47	0.52	0.55	21.97	21.95	22.29	22.17	22.26	22.69
155	0.46	0.51	0.53	21.84	21.60	21.85	21.88	21.74	22.04
160	0.43	0.48	0.50	21.93	21.48	21.62	21.83	21.45	21.66
165	0.42	0.46	0.49	22.20	21.50	21.54	21.96	21.36	21.45
170	0.39	0.45	0.46	22.61	21.67	21.59	22.21	21.42	21.39
175	0.38	0.42	0.44	23.15	21.94	21.75	22.58	21.58	21.45
180	0.38	0.43	0.45	23.90	22.39	22.05	23.14	21.92	21.67
190	0.35	0.39	0.42	25.56	23.42	22.82	24.29	22.74	22.23
200	0.33	0.37	0.39	27.57	24.76	23.85	25.55	23.75	23.05
250	0.25	0.28	0.30	53.54	38.98	33.57	31.31	31.19	29.60
300	0.20	0.23	0.25	34.26	32.85	34.55	31.88	30.62	31.51
400	0.17	0.21	0.24	26.80	24.52	23.39	26.99	24.44	23.29
500	0.17	0.21	0.24	23.29	22.00	20.83	23.25	21.96	20.76
600	0.17	0.23	0.25	21.76	20.58	19.71	21.63	20.49	19.61
700	0.19	0.24	0.28	20.48	19.57	18.74	20.35	19.46	18.66
800	0.20	0.25	0.29	19.59	18.80	17.90	19.47	18.68	17.80
900	0.21	0.28	0.32	19.25	18.21	17.30	19.02	18.05	17.19
1000	0.22	0.29	0.34	18.91	17.70	16.85	18.74	17.60	16.77
1100	0.23	0.32	0.36	18.61	17.35	16.57	18.47	17.26	16.51
1200	0.24	0.33	0.38	18.27	17.08	16.36	18.15	17.02	16.31
1300	0.26	0.35	0.40	17.96	16.91	16.21	17.85	16.84	16.14
1400	0.26	0.36	0.41	17.96	16.81	16.15	17.86	16.77	16.13
1500	0.27	0.37	0.42	17.97	16.79	16.18	17.96	16.80	16.21
1600	0.28	0.38	0.43	17.78	16.85	16.30	17.88	16.94	16.37
1650	0.28	0.38	0.44	17.69	16.92	16.37	17.78	16.98	16.44
1700	0.28	0.39	0.45	17.78	17.02	16.48	17.86	17.13	16.56
1750	0.28	0.39	0.45	17.93	17.14	16.62	18.03	17.23	16.69
1800	0.28	0.39	0.45	18.13	17.27	16.77	18.23	17.38	16.84
1850	0.29	0.39	0.46	18.33	17.45	16.94	18.49	17.58	17.05
1900	0.29	0.39	0.46	18.47	17.61	17.14	18.66	17.77	17.27
1950	0.29	0.40	0.46	18.65	17.86	17.38	18.82	17.98	17.45
2000	0.29	0.40	0.46	18.89	18.09	17.66	19.07	18.25	17.75
2100	0.29	0.41	0.47	19.61	18.72	18.31	19.79	18.86	18.36
2200	0.29	0.41	0.48	20.55	19.49	19.13	20.66	19.53	19.09
2300	0.31	0.45	0.51	21.48	20.40	20.15	21.49	20.28	19.92
2400	0.31	0.45	0.52	22.59	21.58	21.45	22.16	21.06	20.79
2500	0.35	0.48	0.56	23.97	23.09	23.18	22.67	21.76	21.58

High Pass Filter **ZX75HP-92-S+**

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(dB)		
	@-40°C	@+25°C	@+85°C
160	3.72	3.73	3.69
161	3.71	3.68	3.67
162	3.65	3.64	3.61
163	3.62	3.60	3.58
164	3.58	3.56	3.54
165	3.53	3.51	3.51
166	3.47	3.47	3.43
167	3.42	3.39	3.39
168	3.37	3.36	3.37
169	3.33	3.32	3.29
170	3.27	3.24	3.25
171	3.25	3.21	3.23
172	3.21	3.18	3.20
173	3.17	3.12	3.14
174	3.13	3.11	3.12
175	3.11	3.10	3.07
176	3.07	3.05	3.04
177	3.04	3.03	3.00
178	3.27	3.28	3.25
179	3.20	3.21	3.20
180	3.10	3.09	3.09
190	2.94	2.94	2.93
200	2.75	2.76	2.75
210	2.28	2.26	2.26
220	2.08	2.06	2.06
230	1.91	1.89	1.89
240	1.76	1.75	1.75
250	1.63	1.62	1.62
260	1.51	1.51	1.50
270	1.42	1.41	1.41
280	1.33	1.32	1.32
290	1.25	1.24	1.24
300	1.19	1.18	1.17
310	1.12	1.11	1.11
320	1.07	1.06	1.05
330	1.02	1.01	1.01
340	0.97	0.96	0.96
350	0.93	0.92	0.92
400	0.76	0.75	0.75
500	0.58	0.57	0.56
600	0.47	0.47	0.46
700	0.42	0.41	0.40
800	0.38	0.37	0.37
900	0.35	0.34	0.34
1000	0.33	0.32	0.32
1100	0.32	0.31	0.30
1200	0.30	0.30	0.29
1300	0.30	0.29	0.29
1400	0.30	0.29	0.29
1500	0.29	0.28	0.28
1600	0.28	0.27	0.27
1700	0.28	0.27	0.27
1800	0.27	0.26	0.26
1900	0.28	0.27	0.27
2000	0.27	0.27	0.27
2100	0.27	0.27	0.26
2200	0.28	0.27	0.27
2300	0.27	0.27	0.26
2400	0.28	0.27	0.27
2500	0.29	0.28	0.28