

Coaxial Reflectionless High Pass Filter

ZXHF-K1162+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+105°C	@-55°C	@+25°C	@+105°C	@-55°C	@+25°C	@+105°C
25	6.90	6.93	6.95	6.68	6.67	6.66	6.70	6.69	6.68
50	6.79	6.82	6.84	6.75	6.75	6.73	6.75	6.75	6.73
100	6.89	6.92	6.94	6.71	6.72	6.72	6.73	6.73	6.72
400	7.49	7.56	7.61	6.85	6.89	6.90	6.86	6.90	6.91
500	7.81	7.89	7.95	6.96	7.02	7.05	6.96	7.01	7.04
600	8.19	8.29	8.36	7.10	7.16	7.21	7.09	7.16	7.21
750	8.89	9.02	9.11	7.35	7.43	7.51	7.34	7.43	7.51
800	9.14	9.27	9.37	7.42	7.52	7.60	7.42	7.52	7.61
1000	10.31	10.48	10.61	7.85	7.98	8.10	7.81	7.95	8.07
1200	11.69	11.89	12.05	8.27	8.44	8.61	8.22	8.40	8.56
1400	13.21	13.45	13.64	8.68	8.91	9.11	8.62	8.84	9.04
2000	18.14	18.45	18.68	9.95	10.31	10.59	9.84	10.17	10.46
2100	18.85	19.15	19.37	10.16	10.53	10.83	10.05	10.39	10.70
2200	19.44	19.72	19.93	10.36	10.74	11.05	10.24	10.61	10.92
2300	19.91	20.17	20.34	10.58	10.98	11.28	10.44	10.82	11.14
2400	20.22	20.44	20.59	10.75	11.17	11.48	10.62	11.02	11.34
2500	20.38	20.57	20.69	10.93	11.37	11.68	10.80	11.22	11.54
3000	19.71	19.80	19.84	11.82	12.30	12.64	11.73	12.20	12.50
3500	18.80	18.90	18.95	12.75	13.25	13.59	12.81	13.30	13.58
4000	18.72	18.89	18.99	13.73	14.26	14.59	14.15	14.71	15.02
4500	19.83	20.07	20.25	14.97	15.69	16.10	15.96	16.65	17.12
5000	22.58	22.91	23.14	16.82	17.92	18.64	18.20	19.25	20.21
5500	27.83	27.97	28.00	19.35	20.74	22.08	19.70	21.08	22.41
6000	28.73	28.13	27.65	20.12	21.12	22.15	18.29	19.15	19.69
6500	23.34	23.32	23.27	17.20	17.54	17.77	15.59	15.93	16.13
7000	21.08	21.41	21.64	14.01	14.27	14.33	13.32	13.57	13.74
7500	22.20	22.84	23.30	11.82	12.14	12.27	11.93	12.21	12.47
8000	26.51	25.29	24.00	10.39	10.73	11.01	11.07	11.41	11.76
8100	25.43	23.74	22.41	10.24	10.59	10.88	10.98	11.36	11.70
8200	23.31	21.80	20.50	10.14	10.50	10.82	10.92	11.35	11.70
8700	13.95	13.39	12.87	10.39	10.99	11.50	11.37	12.07	12.52
9000	10.46	10.18	9.89	11.36	12.22	12.80	12.29	13.24	13.78
9100	9.56	9.35	9.11	11.85	12.82	13.45	12.74	13.79	14.35
9500	6.71	6.68	6.58	14.82	16.42	17.24	15.08	16.54	17.43
9700	5.63	5.66	5.62	17.08	19.11	20.04	16.61	18.31	19.39
10000	4.31	4.44	4.45	21.55	24.59	25.99	19.32	21.32	22.88
10200	3.62	3.79	3.85	25.65	29.95	32.73	21.46	23.59	25.61
10400	3.07	3.28	3.36	31.48	38.12	49.99	23.83	26.16	28.58
11000	2.02	2.29	2.43	35.39	32.85	30.47	32.88	36.57	38.61
11600	1.54	1.83	1.99	32.43	32.17	29.02	40.39	36.18	32.58
12000	1.35	1.65	1.81	32.02	32.01	28.29	31.85	30.57	28.40
12500	1.23	1.53	1.69	28.58	28.86	26.05	26.60	26.35	24.62
13000	1.14	1.44	1.60	25.82	25.71	23.88	23.13	23.10	21.70
13500	1.08	1.39	1.56	24.24	23.49	22.47	21.11	20.80	19.93
14000	1.05	1.37	1.53	23.13	21.97	21.37	19.83	19.26	18.76
14500	1.03	1.34	1.51	22.22	20.92	20.53	18.85	18.21	17.88
15000	1.01	1.33	1.50	21.49	20.41	19.80	18.31	17.65	17.34
15500	0.99	1.31	1.48	20.15	19.71	18.86	17.93	17.48	17.05
16000	0.97	1.29	1.47	19.37	19.31	18.42	17.70	17.49	16.95
16500	0.97	1.29	1.47	18.57	18.48	17.78	17.81	17.66	17.05
17000	0.96	1.29	1.47	17.95	17.65	17.23	17.61	17.45	16.88
17500	0.97	1.30	1.48	17.06	16.77	16.48	17.33	17.19	16.78
20000	0.95	1.29	1.47	20.05	21.84	21.74	19.41	20.32	20.66
21000	0.92	1.29	1.48	27.85	27.54	29.75	23.90	23.34	25.47
22000	0.96	1.33	1.51	20.65	21.62	24.07	19.72	20.31	22.12
22500	0.98	1.35	1.54	19.64	21.09	23.65	18.82	19.67	21.50
23000	0.99	1.37	1.56	20.44	22.66	25.82	19.27	20.34	22.34
24000	0.99	1.40	1.62	35.65	32.76	28.03	22.13	21.69	21.62
26000	1.37	1.84	2.11	11.32	11.29	10.99	10.93	10.98	10.66
30000	1.56	2.15	2.41	12.18	11.65	11.98	12.26	11.74	11.97



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IF/RF MICROWAVE COMPONENTS

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Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+105°C
11600	0.21	0.21	0.21
12000	0.21	0.20	0.20
12400	0.20	0.20	0.20
12800	0.20	0.19	0.20
13200	0.19	0.19	0.19
13600	0.19	0.19	0.19
14000	0.19	0.19	0.19
14400	0.18	0.18	0.18
14800	0.18	0.18	0.18
15200	0.18	0.18	0.18
15600	0.18	0.18	0.18
16000	0.18	0.18	0.18
16400	0.18	0.18	0.18
16800	0.18	0.18	0.18
17200	0.18	0.18	0.18
17600	0.18	0.18	0.18
18000	0.18	0.18	0.18
18400	0.18	0.17	0.18
18800	0.17	0.17	0.18
19200	0.17	0.17	0.18
19600	0.17	0.17	0.18
20000	0.17	0.17	0.18
20400	0.18	0.18	0.18
20800	0.17	0.17	0.18
21200	0.17	0.17	0.18
21600	0.17	0.17	0.18
22000	0.17	0.17	0.18
22400	0.17	0.17	0.18
22800	0.17	0.17	0.18
23200	0.17	0.17	0.18
23600	0.17	0.17	0.18
24000	0.18	0.18	0.18
24400	0.18	0.18	0.18
24800	0.18	0.17	0.18
25200	0.18	0.17	0.18
25600	0.17	0.17	0.17
26000	0.17	0.17	0.17
26400	0.17	0.17	0.17
26800	0.17	0.17	0.17
27200	0.17	0.17	0.17
27600	0.17	0.17	0.17
28000	0.17	0.17	0.17
28400	0.17	0.18	0.18
28800	0.18	0.18	0.18
28900	0.18	0.18	0.18
29000	0.18	0.18	0.18
29100	0.18	0.18	0.18
29200	0.18	0.18	0.18
29500	0.18	0.18	0.18
29800	0.18	0.18	0.19
30000	0.18	0.18	0.19