

Coaxial High Pass Filter

VHF-440+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURNLOSS (dB)		
	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C
40	89.74	99.08	90.54	0.03	0.01	0.03	0.00	0.01	0.01
45	84.58	93.43	79.33	0.02	0.00	0.02	0.00	0.00	0.01
46	92.73	73.73	89.07	0.02	0.01	0.02	0.00	0.00	0.01
47	86.67	90.74	81.67	0.01	0.01	0.02	0.00	0.00	0.01
48	79.23	79.49	85.14	0.02	0.01	0.02	0.00	0.01	0.01
49	80.48	82.12	77.30	0.02	0.01	0.02	0.00	0.00	0.01
50	85.67	83.08	80.05	0.02	0.01	0.02	0.00	0.01	0.02
55	83.05	78.01	80.19	0.02	0.01	0.02	0.00	0.01	0.02
56	81.66	80.69	99.90	0.02	0.01	0.02	0.00	0.01	0.02
57	87.74	83.44	87.28	0.02	0.01	0.03	0.00	0.01	0.02
58	95.01	82.31	91.27	0.02	0.01	0.03	0.00	0.01	0.02
59	85.68	94.79	84.72	0.02	0.01	0.03	0.01	0.01	0.02
60	89.36	87.26	94.02	0.02	0.01	0.03	0.00	0.01	0.02
65	92.66	92.50	85.05	0.02	0.01	0.03	0.00	0.01	0.02
70	89.72	85.83	95.42	0.02	0.02	0.03	0.00	0.01	0.02
75	97.19	87.17	85.56	0.02	0.02	0.03	0.00	0.02	0.03
76	87.12	85.16	88.20	0.02	0.02	0.03	0.00	0.01	0.03
77	85.88	88.07	90.97	0.02	0.02	0.03	0.00	0.02	0.03
78	94.48	90.34	82.41	0.02	0.02	0.03	0.00	0.02	0.03
79	87.39	86.91	88.99	0.02	0.02	0.03	0.00	0.02	0.03
81	86.32	83.46	88.25	0.02	0.02	0.03	0.00	0.02	0.03
85	82.23	87.13	82.25	0.02	0.02	0.03	0.00	0.02	0.03
90	97.33	84.13	85.81	0.02	0.02	0.04	0.00	0.03	0.04
95	85.26	80.04	91.20	0.03	0.03	0.04	0.00	0.03	0.04
100	81.98	88.05	89.37	0.03	0.03	0.05	0.01	0.03	0.05
150	68.65	69.38	67.78	0.08	0.09	0.12	0.05	0.08	0.10
200	52.70	52.41	52.25	0.16	0.19	0.22	0.13	0.17	0.21
230	46.63	46.51	46.28	0.24	0.26	0.31	0.18	0.24	0.29
300	42.33	42.81	43.30	0.53	0.60	0.68	0.46	0.54	0.62
350	26.87	26.05	25.16	1.08	1.25	1.44	0.89	1.06	1.23
400	7.85	7.56	7.26	4.55	5.40	6.49	3.60	4.22	4.96
440	2.21	2.38	2.55	23.56	24.72	23.60	14.12	14.48	14.65
500	1.18	1.31	1.44	17.38	17.96	18.52	17.87	18.88	19.99
600	0.67	0.79	0.89	23.25	22.34	20.88	24.34	23.17	21.62
700	0.55	0.64	0.72	17.63	17.84	17.22	17.50	17.71	16.99
800	0.45	0.53	0.60	18.12	18.64	18.43	17.82	18.42	18.17
900	0.37	0.44	0.50	21.51	22.38	22.95	21.02	21.79	22.34
1000	0.29	0.37	0.43	31.50	32.42	33.89	28.08	27.96	29.40
1100	0.26	0.34	0.41	30.68	29.54	25.99	27.76	26.87	25.15
1200	0.28	0.35	0.42	20.52	20.98	19.68	20.29	20.69	19.66
1300	0.31	0.39	0.46	16.78	16.84	16.06	16.83	16.88	16.16
1400	0.38	0.46	0.54	14.03	14.17	13.73	14.16	14.31	13.89
1500	0.47	0.55	0.63	12.27	12.23	12.01	12.44	12.42	12.19
1600	0.57	0.65	0.72	10.68	10.76	10.68	10.84	10.93	10.87
1700	0.70	0.79	0.85	9.58	9.58	9.59	9.74	9.75	9.76
1800	0.85	0.93	0.97	8.47	8.60	8.70	8.60	8.76	8.85
1900	0.98	1.07	1.10	7.67	7.77	7.91	7.81	7.91	8.04
2000	1.17	1.24	1.26	6.90	7.06	7.22	7.02	7.19	7.34
2100	1.32	1.40	1.42	6.34	6.44	6.59	6.44	6.57	6.71
2200	1.51	1.60	1.62	5.82	5.91	6.05	5.89	6.03	6.16
2300	1.65	1.77	1.80	5.45	5.46	5.56	5.50	5.55	5.65
2400	1.83	1.95	1.97	5.03	5.04	5.13	5.04	5.13	5.22
2500	1.98	2.14	2.19	4.74	4.69	4.75	4.71	4.76	4.83

REV. X1
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