

Coaxial High Pass Filter

VHF-2000+

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
1	102.41	99.34	102.12	0.01	0.04	0.05	0.03	0.04	0.06
50	76.03	72.66	75.64	0.06	0.09	0.10	0.08	0.09	0.11
100	63.18	68.23	64.43	0.08	0.10	0.13	0.06	0.08	0.11
500	52.57	52.81	52.80	0.24	0.31	0.34	0.18	0.22	0.27
670	50.20	50.21	50.20	0.22	0.31	0.35	0.21	0.27	0.34
1000	47.76	47.86	47.67	0.26	0.37	0.46	0.30	0.37	0.44
1270	61.25	60.43	57.86	0.35	0.50	0.61	0.33	0.45	0.55
1300	57.05	53.62	51.36	0.35	0.49	0.62	0.35	0.47	0.59
1390	41.33	40.10	38.92	0.38	0.54	0.67	0.41	0.53	0.65
1505	30.45	29.56	28.68	0.46	0.67	0.82	0.49	0.62	0.79
1530	28.50	27.65	26.79	0.50	0.71	0.88	0.50	0.66	0.83
1640	20.50	19.74	19.01	0.67	0.92	1.16	0.65	0.84	1.04
1715	15.59	14.88	14.24	0.96	1.27	1.55	0.88	1.13	1.40
1800	10.51	9.96	9.44	1.53	1.97	2.38	1.42	1.75	2.12
1920	5.11	4.88	4.66	3.58	4.26	4.94	3.28	3.87	4.44
2000	3.03	3.00	2.97	5.90	6.65	7.41	5.50	6.17	6.81
2075	1.98	2.06	2.15	8.32	8.99	9.70	7.89	8.48	9.03
2200	1.21	1.38	1.50	11.44	11.86	12.40	11.11	11.47	11.87
2260	1.03	1.20	1.34	12.37	12.71	13.22	12.21	12.46	12.84
2345	0.88	1.04	1.17	13.42	13.71	14.12	13.36	13.53	13.84
2400	0.83	0.98	1.12	13.92	14.16	14.58	13.88	14.04	14.34
2405	0.81	0.96	1.11	13.98	14.24	14.64	13.99	14.12	14.41
2410	0.78	0.94	1.09	14.03	14.30	14.70	14.04	14.20	14.49
2545	0.67	0.82	0.96	14.99	15.35	15.82	15.19	15.42	15.81
3000	0.42	0.56	0.70	23.08	24.25	25.00	22.49	23.49	24.69
4000	0.29	0.43	0.60	22.42	22.41	22.90	22.70	22.50	22.80
5550	0.35	0.58	0.77	15.70	14.71	14.88	15.95	14.92	14.76
5600	0.38	0.60	0.79	14.39	14.14	14.25	14.68	14.31	14.09
5800	0.51	0.75	0.98	12.31	11.98	11.82	12.52	12.11	11.77
6000	0.63	0.91	1.16	10.49	10.17	9.92	10.63	10.24	9.88
6100	0.73	1.02	1.29	9.74	9.43	9.15	9.83	9.49	9.13
6250	0.89	1.19	1.47	8.68	8.41	8.20	8.70	8.41	8.14
7300	2.62	2.93	3.23	3.92	4.07	4.21	3.97	4.06	4.26
7800	3.60	3.97	4.34	2.86	2.97	3.07	2.89	2.97	3.14
8400	4.87	5.30	5.80	2.13	2.29	2.31	2.15	2.23	2.30
9805	6.42	10.36	15.96	21.12	10.04	5.24	2.77	2.02	1.48
9940	14.43	20.83	21.93	4.34	2.90	2.48	1.19	1.00	1.00
10230	19.67	19.17	19.24	0.89	1.18	1.47	0.54	0.76	0.92
10870	27.32	29.98	27.70	0.62	0.99	1.38	0.50	0.79	1.08
11170	22.10	19.44	17.52	0.71	1.18	1.64	0.58	0.92	1.33
11350	16.53	15.01	13.88	0.79	1.33	1.86	0.68	1.05	1.51
13000	2.76	3.51	4.81	7.80	9.72	13.22	5.04	5.20	5.17

REV. X1
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