

Coaxial High Pass Filter

VHF-1760+

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	89.74	94.01	94.07	0.02	0.05	0.06	0.00	0.05	0.03
50	69.39	73.61	73.65	0.10	0.13	0.13	0.08	0.13	0.11
100	66.31	65.74	64.88	0.15	0.17	0.18	0.11	0.15	0.17
565	53.72	53.58	53.63	0.26	0.33	0.40	0.22	0.31	0.36
700	55.30	55.59	55.50	0.28	0.36	0.42	0.24	0.35	0.39
825	70.40	71.13	69.83	0.31	0.40	0.48	0.28	0.38	0.45
925	50.61	49.90	49.17	0.33	0.43	0.52	0.31	0.42	0.50
950	47.50	46.94	46.28	0.34	0.44	0.53	0.32	0.43	0.51
1020	40.51	40.01	39.49	0.35	0.45	0.55	0.34	0.46	0.54
1145	30.53	30.06	29.67	0.40	0.53	0.65	0.41	0.56	0.66
1215	25.55	25.11	24.73	0.45	0.61	0.71	0.46	0.64	0.74
1230	24.49	24.02	23.68	0.47	0.63	0.76	0.48	0.64	0.75
1370	15.35	15.00	14.70	0.75	0.95	1.12	0.78	1.00	1.17
1460	10.26	10.00	9.74	1.28	1.54	1.81	1.31	1.58	1.82
1585	4.98	4.92	4.81	3.10	3.47	3.88	3.11	3.48	3.87
1670	2.97	3.00	3.01	5.18	5.59	6.07	5.15	5.60	6.05
1760	1.82	1.91	1.98	7.71	8.13	8.57	7.65	8.07	8.51
1850	1.24	1.35	1.46	10.21	10.60	10.98	10.09	10.47	10.81
1900	1.03	1.17	1.27	11.51	11.93	12.27	11.39	11.78	12.09
1970	0.83	0.97	1.10	13.15	13.75	14.04	13.02	13.51	13.76
2100	0.64	0.77	0.88	16.49	17.40	17.99	16.07	16.76	17.13
2150	0.57	0.69	0.81	17.99	19.04	19.85	17.60	18.34	18.78
2200	0.53	0.65	0.76	19.68	20.74	21.88	19.18	19.95	20.50
2300	0.43	0.57	0.67	23.61	24.84	26.64	22.26	23.02	23.63
3000	0.36	0.49	0.60	17.36	17.50	17.85	17.31	17.36	17.55
3500	0.31	0.46	0.55	18.21	18.22	18.66	18.06	18.01	18.23
4000	0.23	0.38	0.51	29.21	28.67	29.04	26.08	25.50	25.32
4200	0.22	0.39	0.52	29.26	30.33	30.13	25.54	25.40	24.95
4500	0.28	0.45	0.58	19.47	18.90	18.58	18.78	18.14	17.69
4700	0.35	0.52	0.67	15.59	15.06	14.81	15.17	14.71	14.33
5200	0.66	0.92	1.11	10.11	9.59	9.47	9.94	9.48	9.32
5300	0.79	1.04	1.24	9.34	8.90	8.80	9.16	8.78	8.64
5500	1.02	1.29	1.51	7.87	7.63	7.59	7.65	7.51	7.44
6000	1.72	1.98	2.20	5.44	5.51	5.63	5.32	5.42	5.51
6610	2.68	2.83	3.04	3.78	4.02	4.24	3.67	3.92	4.15
7000	3.07	3.35	3.63	3.30	3.37	3.51	3.20	3.31	3.48
8000	4.04	4.53	5.02	2.51	2.47	2.37	2.43	2.43	2.43
8500	4.56	4.81	5.17	2.15	2.36	2.40	2.15	2.36	2.41
9000	4.27	4.25	4.30	2.62	3.28	3.98	2.57	3.14	3.59
10000	20.37	21.08	21.94	0.81	1.11	1.53	0.64	1.03	1.29
11000	6.75	7.36	8.09	2.51	2.36	2.30	5.35	4.00	3.45

REV. X1
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