

Coaxial High Pass Filter

VHF-1600+

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	75.65	82.28	75.05	0.00	0.02	0.03	0.01	0.02	0.00
50	68.26	74.89	67.86	0.00	0.01	0.00	0.01	0.02	0.00
100	74.64	69.89	75.90	0.01	0.01	0.02	0.00	0.00	0.01
200	70.85	67.51	68.48	0.00	0.02	0.03	0.01	0.05	0.03
350	68.39	67.14	69.00	0.01	0.06	0.07	0.02	0.03	0.07
500	72.40	72.26	72.39	0.03	0.08	0.12	0.05	0.08	0.11
1000	61.69	60.24	58.71	0.20	0.34	0.33	0.22	0.30	0.34
1090	47.15	46.27	45.39	0.26	0.41	0.43	0.26	0.35	0.40
1150	39.94	39.15	38.37	0.32	0.46	0.53	0.32	0.41	0.45
1245	30.02	29.28	28.60	0.44	0.60	0.69	0.41	0.50	0.56
1290	25.65	24.98	24.30	0.53	0.71	0.81	0.45	0.58	0.68
1300	24.77	24.08	23.40	0.55	0.73	0.85	0.49	0.62	0.71
1350	20.19	19.52	18.85	0.71	0.91	1.08	0.62	0.78	0.89
1410	14.91	14.26	13.64	1.06	1.33	1.60	0.88	1.09	1.29
1470	9.99	9.41	8.88	1.78	2.24	2.71	1.46	1.82	2.16
1545	4.92	4.63	4.36	4.18	5.16	6.12	3.48	4.20	4.91
1600	2.66	2.63	2.58	7.72	9.20	10.44	6.40	7.31	8.19
1630	1.99	2.06	2.08	10.09	11.66	12.84	8.31	9.17	10.01
1650	1.66	1.77	1.84	11.60	13.11	14.08	9.53	10.30	11.02
1670	1.45	1.59	1.67	12.85	14.10	14.80	10.61	11.24	11.89
1700	1.23	1.40	1.49	14.02	14.78	15.14	11.80	12.24	12.78
1755	1.03	1.19	1.30	14.33	14.55	14.75	12.88	13.14	13.62
1845	0.84	0.99	1.10	14.44	14.56	14.87	13.97	14.38	14.89
1950	0.68	0.83	0.92	15.71	15.93	16.18	15.75	16.37	16.88
1990	0.60	0.76	0.85	16.41	16.57	16.81	16.57	17.25	17.70
2500	0.35	0.50	0.59	21.58	21.64	21.91	21.88	22.01	21.53
3000	0.26	0.41	0.52	29.38	30.75	30.39	27.81	27.08	26.39
3500	0.34	0.51	0.63	16.18	15.96	15.72	15.65	15.64	15.24
4000	0.65	0.83	0.95	10.28	10.29	10.30	10.25	10.21	10.14
4220	0.80	1.02	1.11	8.78	8.88	8.91	8.78	8.73	8.73
4525	1.12	1.34	1.42	7.14	7.32	7.45	7.20	7.21	7.30
5000	1.61	1.83	1.94	5.53	5.75	5.89	5.61	5.64	5.79
5160	1.77	1.99	2.11	5.16	5.38	5.51	5.23	5.25	5.40
6200	2.54	2.86	3.11	3.80	3.86	3.96	3.75	3.82	3.90
7000	3.08	3.35	3.60	3.10	3.34	3.45	3.09	3.28	3.49
8000	3.58	3.83	4.05	2.65	2.97	3.01	2.70	2.92	3.18
9000	3.83	4.15	4.58	2.64	2.94	3.09	2.62	2.77	2.80
9350	5.59	6.80	5.94	4.87	10.47	10.17	2.12	2.25	2.69
10000	3.29	3.49	3.66	3.10	3.48	3.79	3.32	3.66	3.90
10510	3.88	4.84	6.01	2.93	3.04	3.11	4.75	6.20	8.89
11000	3.85	3.75	3.75	3.45	4.05	4.46	6.66	5.98	5.68

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071001
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