

Coaxial High Pass Filter

VHF-4600+

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
50	61.78	61.53	63.84	0.04	0.04	0.05	0.00	0.01	0.00
200	50.38	50.02	49.82	0.02	0.00	0.01	0.01	0.01	0.02
700	39.81	39.82	39.86	0.04	0.00	0.02	0.03	0.02	0.05
1500	36.21	36.30	36.41	0.01	0.07	0.11	0.03	0.10	0.15
2170	40.97	41.54	42.09	0.08	0.16	0.19	0.06	0.12	0.16
2470	55.19	58.62	61.37	0.04	0.14	0.17	0.12	0.20	0.26
3000	35.32	34.97	34.56	0.11	0.22	0.26	0.15	0.26	0.37
3600	30.87	31.33	31.67	0.21	0.36	0.45	0.26	0.41	0.53
3650	31.48	32.12	32.69	0.24	0.38	0.46	0.26	0.41	0.55
3700	32.46	33.40	34.29	0.25	0.40	0.49	0.23	0.37	0.53
4000	29.68	27.22	25.36	0.39	0.58	0.72	0.39	0.58	0.75
4150	19.44	18.00	16.84	0.57	0.83	1.05	0.61	0.84	1.07
4380	8.86	8.11	7.47	1.68	2.27	2.84	1.71	2.20	2.71
4500	4.90	4.48	4.15	3.64	4.63	5.64	3.56	4.39	5.25
4600	2.70	2.56	2.47	6.82	8.39	9.98	6.54	7.78	9.03
4720	1.38	1.46	1.53	13.72	16.80	20.05	12.49	14.23	15.70
4750	1.19	1.31	1.41	16.26	20.15	24.61	14.33	16.01	17.28
4770	1.11	1.24	1.36	18.45	23.19	28.99	15.71	17.23	18.18
4800	0.99	1.14	1.28	22.81	30.13	33.69	17.78	18.75	19.03
4880	0.81	1.00	1.16	30.19	24.59	21.85	20.17	19.19	18.32
5000	0.72	0.91	1.08	18.35	17.49	16.92	17.21	16.57	16.11
5500	0.50	0.68	0.83	16.12	16.73	17.66	16.28	16.99	18.04
5750	0.38	0.57	0.72	20.14	21.38	22.74	19.84	21.86	24.08
6000	0.32	0.51	0.67	28.09	32.44	30.99	25.59	31.26	49.53
6500	0.27	0.49	0.69	21.01	19.41	18.65	20.43	19.41	19.39
7000	0.37	0.61	0.82	14.07	13.82	13.55	13.94	13.98	14.33
7500	0.48	0.71	0.95	11.48	11.78	11.62	11.48	11.96	12.18
8000	0.55	0.72	0.96	10.56	11.63	11.60	10.60	11.79	11.89
8500	0.50	0.67	0.87	11.28	12.55	13.13	11.46	12.68	12.90
9000	0.33	0.58	0.76	14.35	14.66	15.96	14.71	14.77	15.20
9500	0.22	0.50	0.72	19.78	18.97	19.06	20.40	18.77	17.71
10000	0.17	0.46	0.74	29.77	27.89	21.69	31.06	24.84	19.75
11000	0.39	0.78	1.08	13.23	12.48	12.70	12.53	12.26	11.86
11500	0.78	1.19	1.47	9.04	8.88	9.23	8.68	9.01	9.19
12000	1.21	1.70	2.06	7.03	6.84	6.97	6.85	6.96	7.48
12250	1.34	1.96	2.46	6.63	6.17	6.07	6.49	6.26	6.65
12500	1.55	2.32	3.05	6.25	5.98	5.71	6.00	5.77	6.01
13000	3.54	4.86	5.70	8.33	6.43	4.44	4.76	4.46	4.16
14000	7.40	6.33	5.46	1.79	2.62	3.15	9.60	7.33	6.55
15000	2.75	2.88	2.50	4.22	4.94	6.62	4.70	4.98	6.48

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