

Coaxial High Pass Filter

VHF-1200

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	117.74	104.60	114.38	0.00	0.01	0.00	0.00	0.01	0.00
50	72.98	59.82	69.64	0.01	0.00	0.00	0.01	0.00	0.01
100	88.13	70.14	70.06	0.00	0.00	0.02	0.01	0.00	0.01
300	71.68	70.35	69.76	0.01	0.06	0.07	0.01	0.02	0.02
510	78.27	80.18	98.65	0.08	0.13	0.16	0.07	0.11	0.14
690	58.53	57.55	56.78	0.17	0.25	0.30	0.15	0.24	0.27
750	49.71	49.00	48.30	0.22	0.31	0.35	0.19	0.28	0.32
780	45.65	44.95	44.42	0.25	0.34	0.40	0.22	0.30	0.34
825	39.85	39.23	38.67	0.31	0.42	0.47	0.27	0.35	0.40
865	34.91	34.30	33.72	0.34	0.46	0.53	0.30	0.40	0.45
905	30.24	29.62	29.04	0.41	0.53	0.64	0.36	0.45	0.55
910	29.65	29.02	28.45	0.41	0.54	0.65	0.38	0.48	0.57
940	26.17	25.59	24.99	0.51	0.64	0.76	0.40	0.55	0.63
995	20.02	19.45	18.84	0.74	0.90	1.09	0.62	0.77	0.92
1040	15.05	14.53	13.96	1.04	1.29	1.55	0.83	1.05	1.24
1090	9.83	9.40	8.92	1.85	2.28	2.73	1.54	1.88	2.22
1150	4.76	4.57	4.39	4.49	5.40	6.25	3.80	4.44	5.07
1180	3.10	3.08	3.06	6.94	8.13	9.22	5.85	6.65	7.37
1190	2.73	2.73	2.73	7.95	9.26	10.37	6.66	7.48	8.21
1200	2.36	2.40	2.44	9.00	10.37	11.51	7.48	8.31	9.02
1210	2.07	2.16	2.22	10.12	11.50	12.66	8.37	9.19	9.88
1220	1.87	1.98	2.06	11.16	12.55	13.67	9.23	9.98	10.63
1280	1.18	1.35	1.46	15.20	15.73	16.25	13.02	13.44	13.94
1300	1.07	1.24	1.37	15.36	15.73	16.16	13.69	14.07	14.56
1320	1.00	1.15	1.26	15.32	15.63	16.01	14.12	14.49	15.03
1340	0.92	1.08	1.20	15.28	15.58	15.95	14.51	14.97	15.52
1380	0.83	0.97	1.07	15.46	15.77	16.11	15.32	15.87	16.48
1410	0.76	0.90	1.02	15.96	16.27	16.54	16.03	16.66	17.22
1590	0.53	0.66	0.75	18.33	18.31	18.14	19.23	19.56	19.76
2000	0.39	0.51	0.59	17.22	17.22	17.33	17.13	17.11	17.21
2500	0.23	0.34	0.44	23.78	25.05	26.81	23.17	23.31	23.34
3200	0.32	0.46	0.57	14.88	15.01	14.72	14.66	14.69	14.35
3500	0.48	0.63	0.75	11.51	11.60	11.60	11.52	11.44	11.37
4000	0.88	1.04	1.17	8.07	8.15	8.25	8.03	8.04	8.05
4300	1.19	1.37	1.51	6.76	6.79	6.86	6.73	6.71	6.69
4600	1.49	1.72	1.91	5.81	5.73	5.78	5.76	5.67	5.64
5000	1.91	2.21	2.41	4.82	4.69	4.72	4.75	4.67	4.64
5500	2.57	2.82	3.05	3.71	3.79	3.88	3.65	3.74	3.82
6000	3.24	3.45	3.65	2.96	3.13	3.30	2.93	3.08	3.24
6500	3.92	4.03	4.23	2.43	2.67	2.86	2.38	2.62	2.81
7000	4.38	4.66	4.96	2.19	2.31	2.39	2.11	2.26	2.40
7500	4.94	5.44	5.96	1.94	1.96	1.94	1.84	1.88	1.96
8030	8.43	9.66	7.36	2.12	4.13	7.33	1.32	1.78	2.81
9000	11.16	12.58	10.85	0.99	1.58	2.58	1.89	2.94	4.70

REV. X1

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