

Coaxial High Pass Filter

VHF-740+

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	95.22	94.42	97.40	0.03	0.01	0.02	0.00	0.01	0.02
50	62.56	57.56	60.54	0.02	0.00	0.01	0.00	0.00	0.01
100	63.88	63.46	64.46	0.01	0.02	0.03	0.00	0.01	0.02
165	60.27	60.49	60.02	0.02	0.05	0.06	0.02	0.04	0.05
285	58.22	58.22	58.82	0.09	0.14	0.16	0.06	0.11	0.15
365	70.15	71.18	66.15	0.16	0.23	0.27	0.13	0.19	0.25
415	50.39	49.39	48.89	0.22	0.31	0.35	0.18	0.25	0.29
430	46.63	45.87	45.22	0.25	0.31	0.39	0.20	0.27	0.33
460	40.04	39.38	38.87	0.31	0.41	0.48	0.25	0.33	0.40
520	29.06	28.49	28.01	0.45	0.60	0.70	0.38	0.49	0.58
550	24.07	23.51	23.03	0.57	0.76	0.87	0.51	0.67	0.78
580	19.26	18.71	18.23	0.77	0.97	1.14	0.68	0.89	1.03
610	14.65	14.16	13.70	1.13	1.42	1.67	1.01	1.27	1.49
650	8.98	8.65	8.24	2.10	2.56	3.02	1.96	2.39	2.80
695	4.25	4.16	4.01	4.91	5.70	6.59	4.72	5.45	6.25
725	2.49	2.55	2.56	8.12	9.10	10.26	7.91	8.81	9.84
740	1.95	2.07	2.13	9.98	11.05	12.23	9.77	10.71	11.82
760	1.51	1.64	1.75	12.50	13.55	14.64	12.34	13.33	14.37
780	1.25	1.40	1.50	14.73	15.75	16.62	14.64	15.63	16.52
860	0.82	0.96	1.08	18.29	18.83	18.49	18.72	19.30	19.01
900	0.75	0.88	1.01	17.61	17.97	17.52	17.94	18.35	17.89
950	0.69	0.82	0.91	16.63	16.95	16.53	16.86	17.19	16.79
1000	0.63	0.77	0.87	15.92	16.12	15.90	15.90	16.11	15.89
1400	0.35	0.46	0.53	23.22	23.66	25.07	23.39	23.92	25.37
1500	0.31	0.41	0.48	31.57	32.30	33.69	34.06	36.13	38.00
1750	0.31	0.43	0.51	18.68	18.43	18.22	18.73	18.61	18.36
1900	0.38	0.51	0.57	14.56	14.32	14.23	14.50	14.32	14.25
2000	0.48	0.61	0.68	12.56	12.34	12.26	12.47	12.31	12.29
2200	0.72	0.87	0.95	9.71	9.55	9.45	9.61	9.49	9.43
2500	1.20	1.36	1.46	6.92	6.90	6.78	6.86	6.85	6.75
2800	1.82	2.00	2.12	5.13	5.15	5.08	5.11	5.10	5.03
3000	2.28	2.45	2.59	4.22	4.26	4.26	4.24	4.25	4.22
3500	3.57	3.79	3.92	2.69	2.78	2.87	2.75	2.78	2.79
4000	4.94	5.24	5.43	1.82	1.88	1.99	1.84	1.89	1.93
4500	6.29	6.70	6.98	1.26	1.34	1.45	1.27	1.36	1.39
5000	7.88	8.28	8.64	0.83	0.97	1.12	0.89	1.01	1.10
6000	12.01	12.41	12.84	0.36	0.56	0.76	0.43	0.59	0.75
6260	13.75	14.37	15.02	0.30	0.48	0.65	0.40	0.56	0.72
6500	16.70	17.96	19.34	0.28	0.47	0.66	0.33	0.53	0.75
7040	5.65	5.99	7.14	5.06	4.20	2.98	8.71	6.82	4.39
7500	12.66	10.90	11.26	1.57	1.99	1.45	1.32	1.71	1.44

REV. X1
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