

Coaxial High Pass Filter

VHF-880+

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	74.85	82.28	81.13	0.01	0.02	0.01	0.03	0.02	0.00
50	60.36	67.76	66.61	0.01	0.00	0.01	0.02	0.00	0.01
100	63.64	65.99	61.07	0.01	0.00	0.02	0.01	0.02	0.02
200	59.45	58.07	58.25	0.05	0.06	0.07	0.00	0.01	0.02
395	69.97	71.34	70.26	0.14	0.19	0.22	0.11	0.17	0.20
425	61.44	59.99	58.79	0.17	0.23	0.27	0.15	0.19	0.23
460	51.36	50.69	49.87	0.18	0.27	0.30	0.16	0.23	0.27
500	43.78	43.09	42.71	0.24	0.33	0.36	0.20	0.28	0.30
520	40.55	40.03	39.54	0.28	0.37	0.42	0.26	0.34	0.39
590	30.42	29.93	29.49	0.42	0.53	0.62	0.40	0.51	0.58
640	23.78	23.32	22.88	0.57	0.71	0.82	0.51	0.65	0.76
665	20.62	20.16	19.71	0.68	0.87	0.99	0.62	0.78	0.92
750	10.46	10.12	9.71	1.67	2.03	2.39	1.52	1.84	2.17
805	5.28	5.14	4.91	3.73	4.38	5.11	3.47	4.06	4.70
840	3.18	3.16	3.11	6.15	7.00	7.95	5.80	6.59	7.42
880	1.88	1.98	2.05	9.75	10.82	11.81	9.28	10.23	11.15
900	1.49	1.61	1.71	11.56	12.69	13.57	11.12	12.12	13.00
950	1.05	1.20	1.32	15.27	16.29	16.71	15.16	16.10	16.69
960	0.98	1.13	1.25	15.83	16.77	17.12	15.75	16.67	17.17
970	0.94	1.09	1.21	16.32	17.21	17.46	16.24	17.14	17.54
990	0.85	1.01	1.12	17.10	17.82	17.89	17.20	18.00	18.21
1000	0.84	0.99	1.10	17.30	17.97	17.98	17.58	18.33	18.51
1060	0.71	0.85	0.96	17.98	18.35	18.09	18.27	18.71	18.52
1235	0.54	0.68	0.77	17.06	16.85	16.90	17.15	17.00	17.05
1500	0.41	0.52	0.58	18.42	18.59	19.32	18.47	18.70	19.49
1650	0.34	0.46	0.52	22.40	22.42	23.39	22.75	22.91	24.08
2000	0.28	0.38	0.45	24.24	23.74	23.02	24.93	24.70	24.25
2200	0.31	0.42	0.51	17.64	17.15	16.80	17.68	17.30	17.11
2400	0.43	0.56	0.65	13.54	13.28	12.96	13.52	13.29	13.10
2450	0.46	0.60	0.68	12.81	12.59	12.28	12.75	12.60	12.39
2500	0.50	0.64	0.75	12.07	11.90	11.62	12.02	11.88	11.66
2800	0.80	0.94	1.06	8.98	8.88	8.67	8.91	8.82	8.66
3200	1.44	1.59	1.71	6.15	6.21	6.22	6.18	6.19	6.16
4000	2.87	3.10	3.25	3.37	3.45	3.54	3.40	3.41	3.46
4740	4.46	4.78	5.04	2.10	2.18	2.25	2.09	2.15	2.21
5500	6.36	6.61	6.95	1.25	1.44	1.59	1.20	1.39	1.53
6000	7.74	8.02	8.35	0.93	1.13	1.32	0.93	1.10	1.26
6500	9.59	10.01	10.53	0.65	0.82	1.00	0.65	0.82	1.01
7030	16.65	18.85	17.25	0.60	0.92	1.44	0.66	1.12	1.98
7290	5.52	5.19	5.86	5.32	4.80	3.40	8.47	7.16	4.73
8000	8.91	9.58	10.33	0.80	0.91	0.90	0.82	0.92	1.02

REV. X1

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