

Coaxial High Pass Filter

VHF-1300+

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	110.00	89.20	91.30	0.01	0.02	0.02	0.02	0.02	0.02
50	90.33	69.45	67.37	0.00	0.00	0.01	0.01	0.01	0.01
100	70.36	73.46	71.93	0.01	0.02	0.02	0.01	0.01	0.02
290	65.68	66.06	66.62	0.02	0.05	0.08	0.02	0.04	0.07
440	81.00	81.75	80.37	0.06	0.11	0.14	0.05	0.11	0.12
465	76.46	73.44	71.91	0.06	0.11	0.14	0.07	0.11	0.14
535	60.47	59.83	59.26	0.09	0.15	0.19	0.08	0.13	0.17
630	50.23	49.78	49.45	0.12	0.19	0.24	0.13	0.19	0.23
680	45.90	45.52	45.24	0.14	0.22	0.28	0.14	0.20	0.25
755	40.17	39.82	39.54	0.19	0.28	0.34	0.18	0.25	0.31
895	30.16	29.80	29.42	0.28	0.40	0.47	0.28	0.38	0.44
930	27.71	27.34	26.95	0.33	0.44	0.52	0.32	0.43	0.50
1035	20.38	19.99	19.49	0.49	0.62	0.74	0.50	0.64	0.75
1105	15.47	15.06	14.54	0.70	0.88	1.04	0.74	0.92	1.09
1180	10.29	9.88	9.40	1.25	1.54	1.82	1.35	1.64	1.97
1265	5.14	4.86	4.60	3.09	3.71	4.29	3.38	4.08	4.80
1300	3.55	3.40	3.27	4.63	5.46	6.18	5.07	6.06	7.02
1315	3.01	2.91	2.84	5.48	6.39	7.17	6.05	7.18	8.23
1400	1.29	1.42	1.53	11.97	12.95	13.42	13.98	15.78	17.00
1485	0.87	1.03	1.18	16.11	16.13	16.00	18.70	18.64	18.28
1500	0.85	1.02	1.16	16.29	16.25	16.11	18.37	18.16	17.83
1510	0.82	1.01	1.15	16.31	16.27	16.17	18.10	17.88	17.58
1760	0.58	0.73	0.83	18.22	18.70	19.33	17.82	17.81	17.85
2000	0.48	0.64	0.72	17.62	17.51	17.76	17.02	16.76	16.79
2800	0.37	0.51	0.61	15.70	15.95	16.13	15.71	15.93	16.16
3000	0.29	0.43	0.53	17.66	18.08	18.50	17.96	18.40	18.94
3600	0.22	0.37	0.50	23.74	24.21	24.04	25.96	26.41	26.66
4000	0.32	0.49	0.59	14.94	15.13	15.54	15.24	15.23	15.47
4500	0.65	0.90	1.01	9.93	9.64	9.85	10.06	9.69	9.72
5000	1.17	1.48	1.64	6.94	6.66	6.77	6.96	6.68	6.69
5500	1.93	2.21	2.40	4.81	4.84	5.00	4.80	4.83	4.90
6000	2.76	3.02	3.20	3.52	3.69	3.90	3.54	3.67	3.86
6500	3.59	3.78	3.94	2.65	2.86	3.08	2.70	2.92	3.15
7000	4.18	4.52	4.80	2.25	2.34	2.44	2.26	2.38	2.58
7140	4.33	4.72	5.04	2.16	2.21	2.27	2.17	2.27	2.46
8000	5.60	6.09	6.56	1.55	1.62	1.59	1.64	1.74	1.87
8500	6.79	7.05	7.45	1.11	1.33	1.41	1.30	1.50	1.64
9000	8.44	8.79	9.17	0.79	1.05	1.26	1.08	1.37	1.64
9780	16.90	19.94	21.23	0.59	0.90	1.35	1.05	1.29	1.53
10000	19.66	15.17	11.68	0.97	1.48	2.30	0.96	1.61	2.35
11000	1.22	1.94	2.93	11.10	8.67	6.88	10.14	8.33	6.96

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