

Coaxial High Pass Filter

VHF-1810+

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	99.32	94.72	80.00	0.01	0.01	0.02	0.01	0.01	0.00
50	70.90	66.22	80.86	0.02	0.02	0.03	0.01	0.01	0.00
100	75.34	76.19	70.55	0.00	0.01	0.01	0.01	0.01	0.01
200	73.41	73.56	75.79	0.01	0.03	0.03	0.02	0.00	0.02
500	78.06	78.10	74.64	0.02	0.07	0.09	0.03	0.06	0.10
715	83.96	82.70	80.84	0.06	0.11	0.15	0.07	0.10	0.15
1000	61.47	61.48	61.49	0.15	0.22	0.29	0.12	0.18	0.23
1100	58.36	58.71	58.63	0.19	0.28	0.33	0.17	0.23	0.28
1150	58.22	58.40	58.85	0.21	0.29	0.36	0.17	0.26	0.31
1365	41.55	40.27	39.07	0.35	0.48	0.56	0.30	0.40	0.46
1455	31.16	30.18	29.21	0.47	0.62	0.74	0.37	0.47	0.57
1480	28.63	27.69	26.71	0.53	0.68	0.81	0.40	0.52	0.62
1555	21.39	20.50	19.57	0.74	0.93	1.15	0.52	0.67	0.81
1670	11.14	10.39	9.61	1.75	2.26	2.87	1.25	1.57	1.97
1700	8.74	8.08	7.43	2.41	3.13	3.97	1.72	2.18	2.70
1730	6.63	6.11	5.62	3.49	4.46	5.60	2.48	3.09	3.78
1745	5.66	5.24	4.87	4.16	5.30	6.61	2.99	3.66	4.40
1770	4.35	4.11	3.86	5.59	6.98	8.50	4.01	4.77	5.59
1800	3.18	3.12	3.05	7.61	9.15	10.68	5.42	6.20	6.99
1810	2.90	2.86	2.83	8.31	9.82	11.28	5.91	6.66	7.39
1850	2.13	2.23	2.30	10.38	11.39	12.16	7.55	8.10	8.62
1885	1.79	1.93	2.04	10.86	11.37	11.72	8.47	8.83	9.28
1900	1.68	1.84	1.95	10.86	11.23	11.54	8.77	9.10	9.50
1950	1.47	1.62	1.74	10.61	10.82	11.08	9.34	9.62	10.05
1980	1.36	1.53	1.63	10.49	10.70	10.98	9.62	9.94	10.40
2000	1.28	1.44	1.56	10.57	10.76	11.07	9.88	10.22	10.71
2160	0.89	1.02	1.15	12.14	12.47	12.73	12.31	12.90	13.54
2250	0.75	0.90	1.02	13.61	13.89	14.05	14.05	14.67	15.21
2340	0.65	0.79	0.92	14.86	15.04	15.03	15.55	16.02	16.29
3750	0.54	0.74	0.90	11.99	11.89	11.61	11.76	11.64	11.38
3900	0.71	0.91	1.08	10.20	10.08	9.93	10.11	9.99	9.82
4000	0.83	1.03	1.20	9.24	9.15	9.07	9.19	9.08	8.95
4400	1.35	1.57	1.74	6.43	6.48	6.56	6.49	6.46	6.49
4650	1.73	1.96	2.08	5.32	5.45	5.59	5.40	5.43	5.49
4750	1.92	2.13	2.27	5.01	5.14	5.31	5.06	5.09	5.19
6000	3.27	3.58	3.83	2.99	3.11	3.24	2.97	3.04	3.17
7000	4.06	4.35	4.62	2.33	2.52	2.72	2.31	2.47	2.75
9220	6.08	6.63	6.46	1.56	2.12	2.79	1.80	2.19	2.93
10000	5.08	5.25	5.45	1.67	2.01	2.27	1.96	2.22	2.44
11130	5.93	7.81	8.08	1.94	2.01	2.36	5.15	10.44	15.67
12000	3.82	4.36	5.03	3.48	4.01	4.53	3.34	3.67	3.99

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