

Coaxial High Pass Filter (Ultra Reliable)

VHP-9R5

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	127.61	109.09	164.86	0.01	0.06	0.14	0.03	0.06	0.09
50	76.98	89.29	75.96	0.10	0.14	0.16	0.10	0.13	0.16
100	73.77	73.41	72.50	0.15	0.17	0.20	0.13	0.17	0.20
305	67.12	66.89	67.40	0.25	0.29	0.31	0.21	0.27	0.30
415	73.52	74.83	75.83	0.29	0.35	0.39	0.26	0.33	0.37
435	85.81	85.94	85.05	0.30	0.36	0.40	0.26	0.34	0.39
450	82.12	78.11	76.07	0.30	0.36	0.41	0.27	0.35	0.40
480	67.02	65.96	64.72	0.31	0.38	0.43	0.28	0.37	0.42
530	55.91	55.12	54.42	0.33	0.41	0.47	0.31	0.40	0.46
560	51.02	50.38	49.61	0.34	0.43	0.49	0.32	0.42	0.49
600	45.21	44.56	43.90	0.36	0.46	0.53	0.35	0.46	0.53
630	41.15	40.52	39.85	0.38	0.49	0.57	0.38	0.49	0.57
670	35.98	35.32	34.63	0.42	0.54	0.64	0.43	0.55	0.65
710	30.91	30.22	29.50	0.47	0.60	0.72	0.49	0.63	0.76
750	25.88	25.15	24.39	0.55	0.71	0.86	0.59	0.77	0.92
785	21.44	20.68	19.91	0.67	0.87	1.05	0.74	0.96	1.17
825	16.33	15.56	14.80	0.95	1.23	1.51	1.08	1.40	1.72
865	11.26	10.57	9.92	1.60	2.06	2.54	1.85	2.40	2.97
915	5.76	5.42	5.14	4.00	4.97	5.91	4.69	5.92	7.19
950	3.32	3.31	3.31	7.77	9.05	10.17	9.54	11.65	13.76
1275	0.82	0.98	1.10	27.64	26.71	26.64	24.56	24.29	24.58
1300	0.80	0.96	1.08	25.62	25.03	25.16	23.60	23.43	23.80
1700	0.48	0.62	0.72	40.07	34.69	32.47	36.90	33.31	31.37
2000	0.43	0.57	0.66	19.66	19.26	19.22	19.34	18.98	18.78
2500	0.37	0.51	0.61	18.07	18.18	18.49	17.98	17.95	18.05
3000	0.28	0.42	0.53	32.40	38.35	48.60	26.69	27.61	28.32
3500	0.37	0.55	0.67	16.26	15.66	15.46	15.77	15.26	15.15
4000	0.80	1.00	1.13	9.24	9.20	9.32	9.22	9.08	9.16
4500	1.53	1.76	1.90	5.92	6.00	6.20	5.93	5.93	6.05
5070	2.52	2.80	3.00	3.93	4.02	4.21	3.91	3.97	4.10
5500	3.27	3.61	3.88	3.06	3.15	3.29	3.01	3.09	3.22
6000	4.09	4.51	4.91	2.40	2.46	2.55	2.29	2.39	2.51
6200	4.40	4.81	5.21	2.18	2.27	2.37	2.09	2.22	2.37
6700	5.18	5.50	5.85	1.77	1.92	2.04	1.66	1.85	2.06
7000	5.69	5.88	6.17	1.58	1.82	1.98	1.45	1.71	1.95
7500	6.11	6.15	6.31	1.42	1.70	1.87	1.32	1.63	1.91
8000	5.96	5.98	6.16	1.50	1.79	1.93	1.41	1.72	1.96
8500	4.76	4.86	4.93	2.20	2.63	3.06	2.26	2.72	3.23
8900	4.21	7.43	11.60	7.27	4.80	3.05	10.13	6.38	4.03
9000	9.38	14.33	15.29	3.32	2.17	1.82	4.19	2.72	2.25
10000	15.07	14.81	14.46	1.76	2.23	3.07	3.30	2.89	3.13

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