

Coaxial Low Pass Filter

VLF-5500+

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
40	0.01	0.03	0.05	43.93	50.84	41.88	42.99	48.05	42.01
100	0.03	0.04	0.03	41.06	44.44	39.67	41.20	46.23	42.07
200	0.04	0.07	0.05	42.05	40.87	38.15	43.49	40.84	39.89
400	0.05	0.09	0.09	39.93	33.60	28.49	40.62	33.52	27.99
600	0.07	0.11	0.12	29.47	29.57	27.41	29.89	30.00	27.70
800	0.09	0.13	0.15	28.04	27.69	26.43	27.98	27.44	26.09
1000	0.10	0.15	0.16	26.34	25.77	25.37	26.78	25.99	25.56
1500	0.13	0.20	0.22	22.53	21.88	22.13	22.47	21.79	22.17
2000	0.19	0.26	0.29	19.37	19.60	19.61	19.20	19.52	19.64
2500	0.23	0.33	0.37	17.75	17.52	17.84	17.66	17.49	17.81
3000	0.30	0.40	0.44	16.26	16.70	17.23	16.26	16.69	17.14
3500	0.32	0.44	0.52	16.35	16.48	16.48	16.46	16.59	16.54
4000	0.29	0.45	0.56	19.31	18.49	17.31	19.15	18.39	17.21
4500	0.31	0.46	0.56	23.27	23.34	23.23	22.88	22.92	22.72
5000	0.41	0.58	0.69	23.48	23.40	22.47	22.82	23.75	23.71
5300	0.53	0.74	0.88	19.49	18.39	17.73	18.98	18.38	18.09
5500	0.65	0.88	1.03	16.62	15.78	15.56	16.94	16.51	16.51
5850	0.91	1.22	1.45	17.87	16.40	15.25	21.70	21.18	19.99
6000	1.33	1.81	2.17	13.69	12.07	11.09	17.63	15.36	14.16
6150	2.90	3.78	4.47	6.57	5.77	5.36	7.86	7.14	6.78
6200	3.81	4.88	5.72	5.25	4.70	4.37	5.96	5.44	5.18
6250	5.20	6.46	7.43	3.64	3.36	3.25	4.38	4.09	3.98
6400	10.92	12.73	14.12	1.58	1.69	1.79	1.88	1.92	2.00
6500	16.50	18.68	20.42	0.96	1.17	1.35	1.21	1.35	1.46
6600	23.92	26.86	29.13	0.66	0.91	1.11	0.89	1.08	1.18
6650	29.08	32.43	33.90	0.62	0.93	1.17	0.77	0.96	1.06
6700	35.42	35.54	33.77	0.49	0.75	0.96	0.73	0.92	1.01
6770	33.72	31.19	29.91	0.47	0.77	1.01	0.64	0.82	0.91
6850	29.11	28.00	27.49	0.48	0.74	0.92	0.60	0.78	0.87
7000	26.44	26.14	26.04	0.34	0.58	0.78	0.52	0.68	0.76
7200	26.42	26.56	26.70	0.36	0.56	0.70	0.50	0.65	0.71
8000	46.07	48.89	51.55	0.32	0.40	0.46	0.48	0.65	0.74
9000	38.88	38.29	37.20	0.39	0.58	0.76	0.26	0.61	0.88
9500	41.26	41.84	40.12	0.46	0.61	0.71	0.19	0.50	0.81
10000	50.97	42.71	48.02	0.47	0.85	0.99	0.07	0.38	0.62
12000	39.04	36.87	31.82	0.14	0.60	0.92	0.22	0.14	0.27
12100	38.67	36.04	33.61	0.12	0.52	0.81	0.25	0.16	0.23
14000	27.69	27.32	26.63	0.30	0.10	0.26	0.34	0.48	0.40
16000	18.82	19.74	20.22	0.04	0.13	0.40	0.15	0.80	1.19
18000	16.31	14.44	12.90	0.64	1.06	1.33	0.06	0.39	1.47
20000	10.18	10.34	11.42	0.56	2.49	2.39	1.76	2.09	2.07

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