

Coaxial Low Pass Filter

VLF-95+

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	0.17	0.21	0.25	34.6	32.26	30.74	34.31	32.26	30.81
20	0.27	0.34	0.38	29.33	26.99	25.47	29.15	27.10	25.65
25	0.27	0.33	0.38	30.09	27.41	25.65	29.93	27.53	25.81
30	0.33	0.40	0.45	29.03	27.03	25.40	29.00	27.16	25.51
35	0.35	0.42	0.47	28.68	26.99	25.39	28.91	27.23	25.56
40	0.39	0.46	0.51	28.19	26.87	25.38	28.42	27.06	25.48
45	0.42	0.48	0.54	27.86	26.79	25.39	28.10	26.93	25.41
50	0.44	0.51	0.57	27.52	26.68	25.44	27.76	26.75	25.35
60	0.50	0.57	0.64	27.15	26.53	25.56	27.13	26.35	25.24
70	0.56	0.64	0.71	27.14	26.51	25.74	26.90	26.21	25.33
80	0.63	0.71	0.79	27.42	26.59	25.87	26.97	26.26	25.53
95	0.75	0.84	0.93	28.08	26.92	26.15	27.44	26.74	26.18
110	0.91	1.02	1.12	26.39	25.85	25.50	26.42	26.40	26.49
165	3.11	3.23	3.38	10.73	11.39	11.82	8.31	8.70	9.02
180	5.67	5.70	5.82	7.89	8.68	9.29	4.74	5.08	5.36
195	10.62	10.42	10.40	6.09	6.91	7.67	2.58	2.85	3.09
210	18.69	18.14	17.91	4.86	5.52	6.16	1.64	1.83	2.02
215	22.08	21.41	21.11	4.50	5.10	5.66	1.49	1.66	1.83
220	25.79	25.00	24.63	4.17	4.72	5.21	1.39	1.55	1.70
230	33.77	32.94	32.54	3.59	4.08	4.47	1.25	1.39	1.54
240	39.93	40.03	40.25	3.13	3.59	3.92	1.17	1.30	1.44
250	40.03	40.83	41.60	2.76	3.21	3.51	1.13	1.23	1.39
255	39.09	39.77	40.45	2.60	3.05	3.33	1.11	1.21	1.37
295	35.97	35.96	36.01	1.86	2.17	2.47	0.87	1.01	1.11
410	54.83	55.89	56.21	0.77	0.90	1.00	0.62	0.71	0.81
515	45.28	45.35	45.42	0.42	0.49	0.54	0.47	0.54	0.62
700	58.02	56.53	55.77	0.23	0.28	0.30	0.31	0.36	0.42
780	66.35	69.21	70.12	0.21	0.25	0.28	0.26	0.32	0.37
985	54.30	54.71	55.23	0.17	0.21	0.23	0.21	0.26	0.31
1235	76.03	76.09	76.73	0.17	0.21	0.22	0.19	0.23	0.27
1400	53.21	53.79	53.68	0.16	0.21	0.22	0.18	0.22	0.27
1600	40.43	40.76	41.04	0.17	0.22	0.24	0.21	0.26	0.31
2000	36.04	36.29	36.28	0.14	0.20	0.23	0.19	0.23	0.25
2500	29.29	29.48	29.48	0.17	0.25	0.33	0.21	0.25	0.29
3000	27.27	27.38	27.36	0.09	0.20	0.31	0.19	0.24	0.29
3500	25.32	25.40	25.40	0.09	0.21	0.34	0.46	0.49	0.54
4500	22.44	22.63	22.75	0.12	0.23	0.36	0.27	0.37	0.48
5000	21.31	21.52	21.58	0.18	0.32	0.46	0.25	0.38	0.52
6000	19.94	20.01	19.88	0.34	0.50	0.64	1.46	1.28	1.30
7000	16.69	16.77	17.01	1.31	1.36	1.43	1.20	1.31	1.51
8000	18.43	19.26	19.62	7.70	7.26	6.62	5.60	6.90	8.54
10000	25.34	21.00	18.33	7.79	13.03	18.08	5.07	6.13	6.32

REV. X1
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080720
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