Coaxial Low Pass Filter VLF-225

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C
50	0.19	0.24	0.30	32.46	30.65	29.39	30.88	28.91	28.08
60	0.25	0.29	0.34	33.11	31.43	30.32	29.66	28.34	27.36
70	0.25	0.30	0.35	33.13	31.73	30.41	29.76	28.59	27.48
80	0.25	0.30	0.35	33.71	31.96	30.98	28.31	27.14	26.34
90	0.27	0.34	0.39	34.40	32.79	31.87	27.96	27.12	26.41
100	0.29	0.36	0.41	37.12	34.94	33.99	27.28	26.46	25.88
110	0.30	0.35	0.41	37.05	35.49	34.67	26.85	26.01	25.38
120	0.38	0.45	0.52	38.25	36.95	35.77	26.22	25.53	25.00
130	0.38	0.41	0.50	38.92	38.27	37.82	25.70	25.05	24.63
140	0.41	0.48	0.55	41.23	41.36	40.38	25.16	24.56	24.18
150	0.40	0.49	0.56	45.57	42.84	38.80	25.14	24.49	24.08
160	0.42	0.53	0.58	44.44	47.98	40.57	24.55	24.10	23.68
170	0.46	0.57	0.63	45.09	51.26	39.83	24.66	23.99	23.77
180	0.45	0.58	0.64	47.11	48.73	38.32	24.72	24.23	23.88
190	0.47	0.63	0.71	42.05	48.64	39.18	24.50	24.07	23.62
200	0.49	0.65	0.72	46.78	48.06	38.39	24.58	24.21	23.73
225	0.63	0.76	0.85	43.08	65.93	43.14	25.05	24.65	24.38
300	1.08	1.32	1.50	20.43	19.67	18.88	20.22	19.52	18.93
350	2.06	2.53	2.95	11.10	10.60	10.09	13.19	13.33	13.38
400	7.29	8.88	10.45	3.77	3.54	3.33	8.78	9.06	9.06
440	26.56	29.09	31.36	1.22	1.37	1.49	2.80	3.11	3.28
500	40.79	42.02	43.21	0.75	0.88	0.99	1.48	1.75	1.91
510	44.03	45.34	46.50	0.71	0.85	0.95	1.45	1.69	1.91
600	39.81	39.73	39.83	0.48	0.59	0.68	1.01	1.21	1.35
620	39.75	39.95	40.07	0.46	0.57	0.65	0.92	1.11	1.26
700	44.21	44.97	45.48	0.40	0.52	0.60	0.78	0.94	1.07
800	64.65	60.45	59.07	0.32	0.39	0.49	0.50	0.66	0.75
820	57.67	55.95	54.57	0.36	0.44	0.50	0.50	0.61	0.72
900	48.15	48.16	48.01	0.25	0.33	0.39	0.36	0.46	0.55
1000	46.07	46.16	46.16	0.18	0.27	0.35	0.27	0.36	0.42
1010	45.97	45.90	45.93	0.18	0.28	0.33	0.29	0.40	0.46
1020	45.99	45.97	46.07	0.16	0.28	0.35	0.30	0.36	0.45
1030	45.90	45.97	46.05	0.19	0.29	0.37	0.27	0.38	0.47
1040	46.17	46.18	46.23	0.21	0.29	0.35	0.26	0.32	0.41
1050	46.09	46.14	46.31	0.16	0.28	0.34	0.29	0.36	0.43
1060	46.10	45.99	46.36	0.15	0.25	0.30	0.24	0.35	0.43
1070	46.23	46.33	46.36	0.17	0.25	0.30	0.25	0.35	0.40
1080	46.17	46.37	46.52	0.19	0.30	0.36	0.25	0.33	0.40
1100	46.32	46.55	46.65	0.22	0.30	0.36	0.24	0.31	0.37
1200	48.03	48.06	48.37	0.16	0.27	0.33	0.22	0.27	0.34
1300	50.11	50.16	50.51	0.12	0.23	0.28	0.19	0.25	0.32
1400	52.86	52.98	53.01	0.16	0.24	0.31	0.17	0.23	0.28
1450	53.91	54.34	54.54	0.14	0.17	0.29	0.13	0.21	0.25
2000	52.00	51.51	51.37	0.04	0.16	0.24	0.09	0.17	0.17
2500	41.59	41.44	41.53	0.12	0.21	0.27	0.04	0.10	0.16
3000	35.73	35.62	35.65	0.15	0.23	0.28	0.07	0.17	0.24
4000	28.91	28.84	28.86	0.18	0.30	0.41	0.05	0.13	0.27
5000	24.18	24.26	24.58	0.17	0.30	0.43	0.04	0.15	0.35
5500	22.51	22.63	22.81	0.24	0.34	0.50	0.08	0.28	0.49
6000	20.79	20.95	20.79	0.26	0.41	0.61	0.06	0.30	0.52
7000	18.12	18.28	18.40	1.33	1.89	2.56	0.22	0.42	0.57
8000	17.68	17.63	17.53	0.92	1.00	1.13	0.26	0.48	0.61
9000	15.78	23.15	26.83	3.80	2.73	2.00	4.51	6.08	6.97
10000	15.03	14.91	14.75	0.53	0.79	1.00	0.44	0.76	0.97