

# Coaxial Low Pass Filter

# VLF-2250+

## 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	0.04	0.05	0.06	45.83	42.39	40.72	45.07	40.79	39.07
200	0.07	0.10	0.10	46.09	44.16	42.27	41.18	40.82	40.62
300	0.06	0.11	0.11	50.25	45.10	38.47	38.49	38.15	37.22
400	0.09	0.13	0.14	49.86	42.49	36.65	38.60	36.17	34.60
500	0.13	0.14	0.19	53.50	41.32	36.37	35.54	33.78	31.96
600	0.10	0.17	0.21	45.52	39.05	34.83	33.10	32.14	30.47
700	0.11	0.17	0.22	41.75	37.91	34.02	32.03	30.94	29.47
800	0.14	0.20	0.25	37.88	34.96	32.20	31.79	30.21	28.74
900	0.14	0.20	0.29	35.21	33.19	31.21	30.70	29.19	27.85
1000	0.16	0.23	0.28	34.45	32.38	30.85	29.93	28.33	27.18
1200	0.18	0.27	0.34	30.78	30.20	29.67	28.19	27.29	26.38
1400	0.24	0.33	0.41	29.65	29.46	29.30	27.91	27.10	26.07
1500	0.24	0.35	0.43	28.69	28.96	29.12	27.57	26.97	26.05
1800	0.30	0.43	0.53	28.18	29.11	29.47	27.20	26.95	26.18
2000	0.42	0.56	0.70	27.19	27.19	26.86	25.46	24.89	24.24
2200	0.58	0.77	0.95	22.29	21.89	21.69	20.98	20.47	20.14
2250	0.66	0.88	1.06	20.99	20.58	20.43	19.70	19.19	18.89
2400	0.99	1.30	1.57	16.73	16.37	16.39	15.50	14.94	14.53
2500	1.50	1.94	2.40	13.71	13.47	13.38	12.14	11.43	10.84
2575	2.36	3.09	3.87	10.63	10.39	10.11	8.81	8.09	7.45
2800	17.24	20.32	23.43	2.48	2.63	2.78	1.54	1.71	1.87
2850	24.56	28.31	32.18	1.96	2.16	2.33	1.27	1.46	1.67
3000	52.22	54.76	50.87	1.18	1.42	1.61	0.93	1.15	1.30
3200	34.39	33.79	33.48	0.80	1.02	1.22	0.69	0.87	1.03
3400	31.65	32.14	32.65	0.62	0.87	1.06	0.58	0.75	0.87
3500	32.56	33.34	34.12	0.56	0.78	0.98	0.53	0.68	0.79
3800	42.11	44.87	47.86	0.45	0.65	0.82	0.41	0.55	0.64
4000	50.56	46.65	44.23	0.44	0.62	0.78	0.36	0.49	0.58
4200	39.61	38.68	37.92	0.43	0.61	0.73	0.33	0.44	0.52
4250	38.41	37.62	37.08	0.38	0.57	0.71	0.31	0.44	0.53
4400	36.02	35.68	35.33	0.35	0.55	0.68	0.30	0.43	0.50
4500	35.05	34.85	34.61	0.34	0.53	0.66	0.26	0.38	0.49
4800	33.58	33.60	33.55	0.31	0.51	0.65	0.22	0.37	0.47
5000	33.29	33.36	33.39	0.29	0.50	0.64	0.21	0.35	0.47
5200	33.26	33.41	33.46	0.26	0.49	0.64	0.17	0.32	0.46
5400	33.42	33.64	33.74	0.24	0.46	0.64	0.18	0.34	0.48
5500	33.57	33.81	33.95	0.23	0.44	0.62	0.16	0.34	0.49
5800	34.32	34.69	34.94	0.20	0.43	0.64	0.16	0.32	0.50
6000	35.17	35.68	36.09	0.18	0.41	0.63	0.13	0.32	0.50
6200	36.56	37.29	37.88	0.19	0.42	0.65	0.13	0.32	0.53
6400	38.89	40.02	41.14	0.16	0.41	0.65	0.14	0.32	0.55
6500	40.83	42.46	44.11	0.17	0.42	0.66	0.12	0.33	0.54
6800	51.90	46.70	43.41	0.15	0.40	0.66	0.13	0.34	0.57
7000	37.35	35.24	33.64	0.17	0.42	0.71	0.15	0.36	0.59
7200	29.58	28.03	26.74	0.17	0.44	0.73	0.19	0.42	0.67
7400	23.13	21.65	20.27	0.21	0.50	0.84	0.29	0.56	0.87
7500	19.84	18.27	16.79	0.26	0.60	0.99	0.40	0.74	1.17
7800	7.93	6.54	6.28	2.01	3.45	4.23	3.99	8.73	13.70
8000	6.43	8.13	9.55	2.35	1.85	1.71	4.38	2.95	2.39
8200	10.61	11.68	12.58	0.69	0.84	0.99	1.05	1.09	1.17
8400	12.94	13.68	14.33	0.40	0.64	0.84	0.53	0.68	0.82
8500	13.64	14.30	14.92	0.35	0.58	0.78	0.47	0.64	0.78
8800	14.86	15.37	15.91	0.25	0.49	0.67	0.34	0.51	0.64
9000	15.23	15.69	16.20	0.21	0.47	0.64	0.35	0.54	0.66

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