

Coaxial Low Pass Filter

VLF-2500+

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
50	0.05	0.07	0.08	40.11	37.54	36.29	40.04	37.48	36.14
100	0.06	0.09	0.09	40.07	37.79	36.57	40.22	37.45	36.04
500	0.12	0.18	0.21	34.82	36.30	38.49	34.68	35.52	36.28
1000	0.18	0.27	0.32	46.72	50.25	42.41	35.32	34.25	32.41
1500	0.26	0.38	0.45	25.55	25.33	25.82	25.38	24.76	24.58
2000	0.39	0.53	0.64	19.18	19.78	19.96	19.36	19.73	19.68
2500	0.58	0.77	0.93	18.72	18.87	18.89	17.80	17.92	18.09
2530	0.59	0.80	0.95	18.73	18.83	18.77	17.67	17.74	17.87
2550	0.61	0.82	0.98	18.65	18.70	18.59	17.50	17.53	17.63
2620	0.67	0.88	1.06	18.08	17.84	17.65	16.80	16.62	16.61
2700	0.76	1.01	1.21	16.93	16.43	16.14	15.57	15.17	15.03
2820	1.05	1.35	1.63	13.29	12.80	12.33	12.42	11.99	11.65
3040	2.58	3.17	3.71	6.33	6.03	5.80	6.15	5.88	5.66
3075	3.07	3.71	4.32	5.45	5.21	5.03	5.34	5.12	4.94
3150	4.45	5.22	5.96	3.80	3.71	3.64	3.79	3.71	3.62
3330	9.41	10.43	11.41	1.63	1.76	1.87	1.76	1.89	1.99
3470	14.46	15.60	16.70	0.99	1.18	1.32	1.16	1.35	1.49
3590	19.30	20.55	21.73	0.75	0.93	1.08	1.02	1.23	1.38
3675	22.93	24.24	25.44	0.64	0.83	0.96	0.96	1.18	1.36
3700	24.00	25.31	26.52	0.61	0.80	0.94	0.94	1.16	1.35
3800	28.31	29.61	30.73	0.57	0.76	0.90	0.94	1.17	1.38
4020	35.14	35.74	36.18	0.44	0.62	0.74	0.99	1.27	1.55
4080	35.74	36.07	36.26	0.45	0.63	0.75	1.04	1.33	1.62
4130	35.80	35.96	36.04	0.47	0.66	0.77	1.07	1.38	1.68
4250	34.92	34.90	34.83	0.39	0.59	0.70	1.09	1.41	1.71
4630	32.91	33.20	33.50	0.34	0.54	0.68	1.04	1.33	1.56
4860	34.40	34.96	35.53	0.30	0.52	0.67	0.83	1.07	1.25
5190	41.36	42.92	44.54	0.26	0.46	0.64	0.60	0.79	0.92
5440	54.01	50.11	47.28	0.21	0.43	0.63	0.46	0.64	0.78
5530	46.43	44.25	42.61	0.19	0.40	0.60	0.43	0.61	0.74
5710	38.90	38.03	37.26	0.15	0.36	0.58	0.37	0.56	0.70
6100	32.01	31.81	31.57	0.14	0.36	0.59	0.25	0.44	0.60
6380	29.40	29.33	29.21	0.16	0.39	0.62	0.22	0.43	0.62
6440	28.88	28.85	28.76	0.11	0.34	0.57	0.19	0.40	0.60
8000	22.16	22.21	22.31	0.10	0.32	0.51	0.11	0.38	0.68
8860	19.93	20.02	20.20	0.08	0.33	0.51	0.20	0.45	0.71
9440	18.90	18.90	19.00	0.06	0.33	0.51	0.21	0.45	0.67
13220	10.75	10.94	11.32	1.06	1.58	2.07	0.95	1.40	1.88
13700	10.30	11.17	12.11	1.66	2.17	2.71	1.20	1.59	2.01
15000	23.76	19.62	16.43	3.15	4.06	3.41	2.28	4.53	7.84

REV. X1
VLF-2500+
070925
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED • RoHS compliant
P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

