

Coaxial Low Pass Filter

VLF-2750

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	0.06	0.08	0.07	44.14	38.02	34.78	44.89	38.48	35.07
200	0.10	0.13	0.14	35.82	39.27	38.86	34.96	38.30	38.59
500	0.12	0.18	0.21	44.67	39.75	33.22	36.88	34.25	30.76
1000	0.20	0.28	0.32	26.73	26.24	26.24	24.71	24.37	24.04
1500	0.31	0.41	0.48	19.61	19.39	19.42	19.56	19.21	19.05
2000	0.42	0.54	0.63	17.07	17.31	17.53	17.35	17.39	17.41
2500	0.52	0.66	0.77	19.63	20.57	21.28	18.93	20.01	20.77
2700	0.58	0.74	0.88	23.33	23.02	22.76	20.97	21.38	21.71
2750	0.61	0.79	0.93	23.55	22.68	22.09	21.03	21.15	21.28
2900	0.76	0.96	1.14	19.50	18.62	17.90	18.32	18.10	17.85
3150	1.47	1.83	2.15	10.42	9.70	9.29	10.66	10.14	9.81
3260	2.43	2.92	3.39	6.79	6.37	6.09	7.16	6.85	6.59
3370	4.29	4.97	5.63	3.98	3.83	3.72	4.35	4.26	4.13
3540	9.26	10.21	11.14	1.63	1.71	1.79	1.96	2.05	2.09
3660	14.08	15.18	16.23	1.05	1.18	1.30	1.29	1.43	1.52
3775	19.25	20.54	21.77	0.74	0.91	1.04	0.96	1.13	1.26
3850	23.03	24.45	25.81	0.68	0.84	0.97	0.84	1.02	1.16
3900	25.76	27.28	28.74	0.68	0.83	0.96	0.84	1.01	1.15
3950	28.62	30.26	31.85	0.58	0.74	0.88	0.76	0.95	1.11
4000	31.81	33.61	35.34	0.60	0.75	0.88	0.74	0.93	1.09
4070	36.87	38.96	41.01	0.57	0.74	0.85	0.73	0.93	1.09
4150	43.18	45.33	46.81	0.57	0.72	0.84	0.74	0.94	1.16
4200	49.82	53.15	56.52	0.46	0.63	0.76	0.68	0.87	1.06
4700	45.73	44.52	43.70	0.39	0.55	0.66	0.69	0.91	1.11
4900	40.77	40.27	40.02	0.31	0.48	0.58	0.65	0.86	1.05
5150	39.34	39.36	39.34	0.28	0.43	0.55	0.62	0.80	0.95
6000	56.41	55.34	52.90	0.31	0.38	0.54	0.43	0.60	0.71
6800	32.77	32.46	32.16	0.42	0.37	0.58	0.25	0.47	0.64
7500	27.00	26.91	26.86	0.23	0.37	0.57	0.20	0.44	0.66
8400	22.70	22.87	23.00	0.22	0.37	0.51	0.23	0.45	0.69
9900	18.86	18.62	18.58	0.08	0.58	0.78	0.32	0.53	0.67
11000	16.78	16.74	16.58	0.34	0.55	0.71	0.35	0.61	0.77
12100	14.41	14.49	14.51	0.38	0.65	0.89	0.33	0.52	0.69
13000	12.55	12.14	11.98	0.51	0.94	1.41	0.53	0.82	1.09
14000	11.58	11.98	12.17	1.27	1.44	1.80	0.91	1.15	1.43
15200	9.32	9.98	10.83	1.93	1.77	1.76	1.91	1.93	2.15
16300	14.72	15.51	16.12	0.63	0.91	1.15	0.73	0.90	1.08
17400	19.48	19.98	20.33	0.59	0.86	1.47	0.38	0.76	0.89
18500	21.76	19.66	19.77	5.81	3.65	2.51	0.25	0.67	1.00
19400	18.32	18.56	19.10	0.63	1.09	1.48	0.46	0.94	1.44
20000	16.39	16.35	16.27	1.07	1.90	2.88	0.98	1.69	2.66

REV. X1

VLF-2750

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Page 1 of 1



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