

Coaxial Low Pass Filter

VLF-5850+

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
40	0.04	0.03	0.05	42.90	48.71	43.94	43.46	50.17	44.32
100	0.02	0.04	0.05	39.02	45.10	41.16	39.58	45.52	42.14
200	0.03	0.05	0.06	47.35	39.75	38.27	41.81	39.90	39.75
400	0.05	0.08	0.11	37.76	32.83	27.74	42.51	33.72	27.71
600	0.06	0.11	0.13	29.25	28.64	26.36	29.91	29.59	26.90
800	0.08	0.13	0.16	26.06	25.72	24.48	26.87	26.65	25.11
1000	0.10	0.16	0.19	24.00	23.67	23.31	24.79	24.47	24.04
1500	0.15	0.22	0.25	20.22	20.03	20.10	20.72	20.62	20.88
2000	0.20	0.29	0.33	17.55	17.36	17.33	17.79	17.70	17.71
2500	0.27	0.37	0.41	15.52	15.59	15.95	15.64	15.78	16.20
3000	0.33	0.43	0.47	14.60	14.80	15.34	14.60	14.80	15.39
3250	0.35	0.45	0.51	14.17	14.61	14.88	14.18	14.64	14.97
4000	0.32	0.47	0.58	16.55	16.05	15.41	16.45	16.03	15.45
4500	0.29	0.44	0.53	21.42	20.99	20.96	20.67	20.47	20.41
5000	0.31	0.48	0.58	47.85	32.80	29.15	35.70	38.69	32.20
5600	0.47	0.69	0.83	18.54	17.46	16.94	18.51	17.67	17.34
5850	0.59	0.82	0.98	16.77	16.08	15.69	16.67	16.00	15.66
6000	0.66	0.90	1.07	16.39	16.23	16.10	16.60	16.44	16.30
6400	1.06	1.47	1.79	20.00	17.04	15.24	29.00	21.18	18.66
6520	1.71	2.38	2.93	11.63	9.80	8.74	13.06	10.85	9.77
6540	1.90	2.63	3.24	10.49	8.88	7.93	11.62	9.67	8.72
6770	7.17	8.51	9.73	2.59	2.61	2.57	2.81	2.71	2.64
6880	11.77	13.28	14.71	1.38	1.62	1.75	1.52	1.65	1.71
6970	16.47	18.21	19.88	0.92	1.22	1.40	1.06	1.25	1.34
7040	20.90	22.99	25.02	0.71	1.03	1.22	0.89	1.08	1.18
7100	25.64	28.23	30.68	0.61	0.92	1.11	0.79	0.98	1.07
7160	31.81	34.62	35.71	0.53	0.84	1.02	0.74	0.92	1.00
7500	27.82	27.80	27.81	0.36	0.58	0.70	0.61	0.76	0.81
7600	27.67	28.00	28.22	0.34	0.53	0.64	0.59	0.73	0.79
8050	34.52	36.09	37.18	0.32	0.43	0.48	0.50	0.65	0.75
8200	40.66	43.03	45.00	0.32	0.43	0.48	0.49	0.67	0.79
9500	33.34	33.19	33.03	0.31	0.52	0.67	0.33	0.64	0.93
9900	34.45	34.65	34.88	0.32	0.55	0.74	0.21	0.52	0.83
10000	34.87	35.23	35.59	0.32	0.54	0.74	0.17	0.49	0.80
11000	54.46	56.90	57.10	0.16	0.46	0.63	0.01	0.19	0.38
12000	32.55	33.32	36.76	0.08	0.29	0.45	0.32	0.52	0.36
12500	30.69	30.23	30.10	0.18	0.20	0.40	0.19	0.30	0.38
14000	25.98	25.11	24.01	0.06	0.17	0.34	0.33	0.52	0.59
16000	20.25	21.27	21.73	0.01	0.20	0.32	0.13	0.74	1.17
18000	17.62	15.67	14.78	0.19	0.55	1.00	0.19	0.43	1.27
20000	8.38	9.14	9.94	2.18	2.38	2.01	1.61	1.70	1.86

REV. X1
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