

Coaxial Low Pass Filter

VLF-1500

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	0.05	0.07	0.07	35.17	33.67	32.67	34.80	33.41	32.48
100	0.06	0.08	0.09	36.47	34.69	33.54	36.36	34.54	33.27
500	0.13	0.18	0.22	33.19	35.27	38.78	29.43	29.51	29.98
1000	0.24	0.33	0.40	23.38	23.18	23.19	22.34	21.85	21.44
1500	0.52	0.67	0.79	18.29	18.55	18.74	17.93	17.95	17.94
1560	0.59	0.75	0.88	18.75	19.05	19.34	18.08	18.09	18.18
1650	0.74	0.94	1.11	18.15	18.26	18.46	16.95	16.84	16.95
1710	0.98	1.22	1.43	15.57	15.36	15.27	14.65	14.45	14.44
1825	2.36	2.84	3.31	7.82	7.50	7.24	8.01	7.85	7.74
1870	3.83	4.52	5.20	5.11	4.91	4.73	5.54	5.48	5.43
1940	8.31	9.42	10.50	2.29	2.31	2.34	2.86	2.97	3.07
2025	18.20	19.84	21.47	1.00	1.16	1.30	1.54	1.73	1.88
2055	23.24	25.17	27.12	0.82	0.99	1.15	1.34	1.53	1.67
2100	34.06	36.11	37.04	0.68	0.86	1.01	1.13	1.32	1.45
2120	38.88	38.03	36.75	0.62	0.80	0.96	1.06	1.24	1.36
2150	35.95	34.78	34.03	0.56	0.74	0.90	0.98	1.15	1.28
2210	32.35	32.43	32.59	0.48	0.66	0.81	0.85	1.00	1.12
2345	38.24	39.38	40.48	0.37	0.54	0.68	0.66	0.80	0.92
2365	40.50	41.89	43.24	0.36	0.53	0.67	0.64	0.78	0.90
2415	49.87	50.57	49.58	0.33	0.50	0.64	0.59	0.73	0.86
2495	41.20	40.27	39.50	0.30	0.47	0.60	0.52	0.66	0.79
2850	31.13	31.28	31.39	0.24	0.40	0.54	0.39	0.53	0.68
3830	38.98	39.42	39.88	0.19	0.37	0.52	0.27	0.43	0.56
4020	41.98	42.55	43.08	0.14	0.31	0.45	0.32	0.45	0.56
4210	46.11	46.85	47.56	0.17	0.34	0.46	0.26	0.40	0.50
4400	52.64	53.94	55.34	0.17	0.33	0.44	0.27	0.41	0.50
4470	56.89	59.04	61.81	0.17	0.34	0.45	0.24	0.38	0.47
4640	62.82	59.70	57.51	0.14	0.31	0.42	0.24	0.37	0.45
5060	44.99	44.66	44.18	0.14	0.32	0.45	0.21	0.34	0.43
6600	27.62	27.68	28.03	0.57	0.81	1.13	0.45	0.64	0.82
6800	33.07	34.26	35.23	0.18	0.42	0.73	0.19	0.39	0.61
6940	34.89	31.72	28.43	0.22	0.47	0.79	0.31	0.59	0.97
7000	27.48	24.02	20.83	0.26	0.56	0.97	0.63	1.13	1.95
7070	18.37	15.25	13.71	0.59	1.15	1.64	1.78	3.61	5.32
7750	19.66	19.82	19.97	0.15	0.36	0.55	0.13	0.36	0.66
8440	19.35	19.39	19.52	0.02	0.31	0.59	0.21	0.43	0.69
10000	16.31	16.62	16.92	0.11	0.37	0.64	0.77	0.89	1.01
12380	8.12	8.26	8.82	1.45	2.29	3.35	1.72	2.38	3.20
12620	11.88	14.15	14.24	2.34	2.07	2.35	2.88	2.09	1.98
14000	9.92	10.46	10.98	1.34	1.87	2.51	1.27	1.65	2.04
15000	10.14	9.90	10.64	1.22	2.06	2.76	4.04	7.26	10.93

REV. X1
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080720
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