

# Coaxial Low Pass Filter

# VLF-1525+

## 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	0.06	0.07	35.50	33.90	33.04	37.07	35.10	34.17
100	0.07	0.09	0.11	34.77	33.19	32.25	34.92	33.26	32.11
500	0.15	0.20	0.24	27.91	28.91	30.52	26.94	27.41	28.08
1000	0.27	0.36	0.43	26.35	25.97	25.87	25.67	24.98	24.48
1500	0.58	0.74	0.88	21.58	22.18	22.88	21.27	21.67	22.14
1525	0.61	0.77	0.91	22.69	23.43	24.29	21.98	22.35	22.83
1595	0.72	0.92	1.09	26.65	27.39	27.91	23.23	23.12	23.19
1750	1.81	2.23	2.63	10.32	9.71	9.23	10.59	10.17	9.88
1765	2.10	2.58	3.03	8.98	8.44	8.01	9.35	8.99	8.73
1815	3.66	4.36	5.02	5.31	5.02	4.77	5.88	5.74	5.60
1885	7.83	8.83	9.79	2.30	2.29	2.28	2.93	3.03	3.08
1940	12.65	13.81	14.92	1.26	1.36	1.45	1.86	2.04	2.17
1985	17.30	18.56	19.75	0.87	1.01	1.13	1.43	1.63	1.77
2000	18.96	20.26	21.48	0.79	0.93	1.06	1.34	1.53	1.67
2030	22.46	23.82	25.10	0.66	0.82	0.95	1.19	1.38	1.52
2040	23.01	24.23	25.40	0.66	0.80	0.92	1.24	1.40	1.52
2075	28.14	29.63	31.00	0.55	0.71	0.84	1.04	1.22	1.35
2120	31.95	33.08	34.15	0.49	0.64	0.76	0.99	1.13	1.25
2170	41.72	43.30	44.77	0.41	0.57	0.70	0.83	0.99	1.12
2220	47.73	48.56	49.28	0.37	0.54	0.67	0.74	0.90	1.03
2400	41.27	40.99	40.76	0.32	0.48	0.61	0.53	0.69	0.82
2670	36.08	36.18	36.31	0.26	0.42	0.55	0.41	0.57	0.71
3000	36.94	37.20	37.46	0.26	0.40	0.51	0.32	0.48	0.62
3830	48.71	49.50	50.13	0.22	0.36	0.45	0.23	0.37	0.47
4500	47.43	46.95	46.61	0.14	0.31	0.43	0.22	0.35	0.43
5000	38.94	38.77	38.61	0.09	0.26	0.43	0.17	0.31	0.41
5500	34.21	34.09	33.98	0.07	0.26	0.44	0.13	0.29	0.42
6000	31.03	31.08	31.19	0.13	0.32	0.52	0.09	0.27	0.43
6600	30.54	31.12	31.73	0.20	0.41	0.61	0.11	0.32	0.55
6650	31.19	31.98	32.84	0.15	0.37	0.59	0.16	0.38	0.62
6700	32.44	33.57	34.89	0.20	0.41	0.62	0.16	0.38	0.63
7010	16.67	14.73	14.94	0.66	1.05	1.15	3.72	5.98	4.57
7500	20.16	20.44	20.78	0.15	0.38	0.60	0.19	0.40	0.61
8000	20.04	20.11	20.32	0.13	0.37	0.57	0.14	0.36	0.62
9000	16.51	16.72	16.68	0.27	0.47	0.59	0.26	0.51	0.78
10000	15.51	15.46	15.46	0.19	0.50	0.74	0.51	0.70	0.75
11000	12.46	12.60	12.61	0.44	0.78	1.10	0.51	0.77	0.97
12200	8.04	8.17	8.57	1.63	2.27	2.88	1.85	2.54	3.30
13000	12.98	14.09	15.35	4.06	7.04	11.15	1.07	1.40	1.79
14000	16.64	16.78	17.06	1.53	1.61	1.70	0.68	1.02	1.33
14700	12.25	11.82	12.47	1.15	2.14	2.85	1.60	3.19	4.58
16000	41.16	39.40	37.47	0.53	1.17	2.00	0.29	0.66	1.02

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080720  
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