

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

REV. X1
VLF-1525
080720
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 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

