

Coaxial Low Pass Filter

VLF-1450+

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	0.05	0.09	0.09	39.31	36.79	35.90	39.73	37.20	36.31
100	0.07	0.09	0.11	36.65	34.68	33.75	36.95	34.86	33.82
500	0.17	0.22	0.25	30.35	32.31	34.66	29.14	30.08	30.86
1000	0.29	0.41	0.46	27.65	27.05	26.97	26.89	26.01	25.59
1450	0.61	0.79	0.91	26.09	26.76	27.11	24.72	24.63	24.45
1530	0.76	1.00	1.14	24.49	23.77	23.03	22.57	21.93	21.39
1685	1.95	2.49	2.89	9.88	9.15	8.66	10.53	10.09	9.82
1700	2.26	2.88	3.31	8.72	8.04	7.57	9.46	9.05	8.81
1740	3.47	4.31	4.95	5.94	5.46	5.13	6.81	6.54	6.37
1825	8.79	10.28	11.39	2.22	2.16	2.14	3.02	3.10	3.13
1860	12.10	13.80	15.03	1.49	1.55	1.58	2.30	2.45	2.53
1910	17.82	19.74	21.15	0.98	1.11	1.20	1.65	1.84	1.93
1960	24.37	26.53	28.10	0.77	0.92	1.00	1.34	1.53	1.64
1975	26.49	28.72	30.38	0.72	0.87	0.97	1.25	1.45	1.54
2000	30.22	32.60	34.34	0.65	0.79	0.91	1.14	1.33	1.43
2025	34.18	36.64	38.45	0.58	0.74	0.83	1.06	1.25	1.33
2040	36.68	39.14	41.00	0.55	0.72	0.82	1.03	1.19	1.30
2050	38.35	40.77	42.68	0.57	0.72	0.84	1.00	1.16	1.26
2125	47.07	47.32	47.25	0.45	0.62	0.69	0.83	0.99	1.08
2660	33.18	33.39	33.48	0.25	0.39	0.50	0.44	0.58	0.68
3000	35.37	35.70	35.96	0.25	0.38	0.47	0.33	0.49	0.60
3500	41.56	42.15	42.51	0.25	0.37	0.44	0.34	0.49	0.58
4000	53.74	54.95	56.25	0.21	0.33	0.40	0.26	0.42	0.50
4160	68.10	68.65	65.88	0.20	0.33	0.43	0.29	0.43	0.50
4230	65.18	61.83	59.74	0.21	0.36	0.43	0.30	0.44	0.51
4300	57.86	56.17	55.18	0.20	0.38	0.45	0.28	0.41	0.49
4500	49.47	48.73	48.19	0.20	0.36	0.44	0.23	0.39	0.45
5000	40.77	40.48	40.29	0.19	0.35	0.46	0.23	0.37	0.46
6500	36.91	38.78	40.53	0.21	0.41	0.57	0.19	0.40	0.59
6600	42.01	41.43	38.01	0.22	0.42	0.61	0.24	0.51	0.74
6630	42.60	38.09	34.14	0.19	0.40	0.59	0.28	0.56	0.83
6700	34.24	29.08	25.72	0.21	0.45	0.68	0.40	0.85	1.35
6890	13.83	15.49	17.02	0.90	0.81	0.82	5.26	2.55	1.77
7000	17.18	18.74	19.62	0.37	0.52	0.64	0.83	0.78	0.84
8000	21.04	21.02	21.12	0.16	0.40	0.56	0.16	0.39	0.59
10000	15.77	15.79	15.73	0.24	0.53	0.72	0.35	0.56	0.68
11000	12.65	12.86	12.91	0.58	0.90	1.13	0.63	0.90	1.04
12000	9.22	9.27	9.37	1.27	1.83	2.28	1.41	2.03	2.57
12240	8.26	8.35	8.91	1.71	2.49	3.01	2.38	4.03	5.90
13000	12.97	15.15	15.60	8.51	10.34	8.04	1.42	1.65	1.91

REV. X1
VLF-1450+
070924
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

