

Coaxial Low Pass Filter

VLF-1400

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	0.07	0.07	0.09	41.65	38.56	37.24	42.08	38.85	37.07
100	0.08	0.09	0.10	40.53	39.16	37.89	44.07	40.32	37.74
500	0.14	0.17	0.23	28.75	28.47	27.84	35.95	36.90	35.05
800	0.23	0.30	0.36	24.83	24.34	23.66	27.69	27.72	27.28
1000	0.28	0.35	0.44	23.70	23.52	23.33	25.44	25.84	26.22
1400	0.47	0.62	0.73	28.95	26.23	24.22	32.21	28.39	25.83
1500	0.62	0.82	1.00	19.51	18.02	16.83	20.85	19.29	18.08
1540	0.74	0.96	1.18	16.81	15.57	14.51	17.87	16.61	15.65
1700	1.98	2.55	3.14	7.66	6.85	6.18	8.52	7.83	7.31
1710	2.14	2.78	3.39	7.16	6.38	5.77	8.04	7.39	6.89
1765	3.49	4.44	5.38	4.72	4.17	3.76	5.55	5.14	4.82
1850	7.52	9.11	10.61	2.16	2.01	1.92	2.87	2.81	2.77
1915	12.47	14.55	16.47	1.27	1.32	1.36	1.81	1.92	1.98
1960	16.68	19.15	21.39	1.00	1.10	1.20	1.48	1.62	1.71
1975	18.21	20.81	23.23	0.94	1.06	1.17	1.38	1.52	1.65
2015	22.67	25.70	28.61	0.83	0.98	1.11	1.17	1.34	1.46
2050	26.94	30.48	34.05	0.78	0.94	1.07	1.08	1.23	1.37
2100	33.44	37.96	43.04	0.74	0.92	1.07	0.94	1.11	1.23
2105	34.10	38.72	44.04	0.73	0.91	1.06	0.93	1.09	1.20
2140	38.45	43.52	49.48	0.72	0.90	1.07	0.86	1.01	1.13
2300	37.05	36.97	36.91	0.69	0.88	1.06	0.65	0.79	0.91
2585	30.72	30.90	31.10	0.66	0.88	1.07	0.46	0.60	0.75
3000	37.03	37.63	38.20	0.53	0.71	0.84	0.36	0.50	0.63
3300	51.48	53.20	54.91	0.41	0.59	0.68	0.35	0.48	0.61
3510	53.39	52.55	51.86	0.33	0.51	0.59	0.35	0.49	0.57
3700	47.03	46.90	46.81	0.29	0.47	0.58	0.32	0.44	0.56
4000	43.93	44.14	44.16	0.22	0.40	0.54	0.29	0.41	0.50
4300	42.67	42.75	42.71	0.17	0.37	0.52	0.28	0.41	0.49
4500	41.90	41.97	41.97	0.13	0.36	0.53	0.26	0.38	0.47
5000	39.71	39.77	39.75	0.12	0.33	0.54	0.23	0.36	0.45
6000	37.58	38.27	38.78	0.12	0.34	0.57	0.15	0.29	0.42
6460	47.37	52.32	51.58	0.14	0.37	0.59	0.14	0.31	0.48
6600	46.40	41.25	38.29	0.16	0.40	0.62	0.15	0.35	0.52
6700	37.39	34.29	32.11	0.15	0.42	0.63	0.15	0.36	0.53
6800	31.38	28.87	26.88	0.20	0.45	0.69	0.16	0.39	0.60
7000	21.22	18.61	16.20	0.35	0.80	1.28	0.30	0.65	1.10
7235	7.07	6.43	8.02	5.18	7.01	3.93	3.84	4.83	3.08
7500	12.02	13.12	14.01	0.73	0.83	0.92	0.64	0.72	0.87
8000	16.07	16.21	16.36	0.24	0.49	0.65	0.31	0.53	0.74
8500	15.20	18.73	19.29	0.65	0.72	0.66	1.04	1.11	0.95
9000	17.05	17.21	17.28	0.20	0.46	0.61	0.38	0.56	0.72

REV. X1
VLF-1400
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

