

Coaxial Low Pass Filter

VLF-1575+

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	0.04	0.06	0.07	37.70	35.52	34.32	38.03	35.75	34.43
100	0.07	0.09	0.10	36.67	34.73	33.60	36.94	34.85	33.43
1000	0.24	0.33	0.39	25.29	24.93	24.93	24.09	23.40	23.01
1500	0.51	0.64	0.75	17.62	17.88	18.05	17.65	17.80	17.80
1575	0.58	0.73	0.86	17.53	17.83	18.03	17.36	17.48	17.51
1690	0.76	0.94	1.11	17.09	17.41	17.65	16.22	16.26	16.33
1875	2.23	2.71	3.15	8.48	8.15	7.86	8.17	7.92	7.73
1885	2.46	2.98	3.46	7.82	7.50	7.23	7.59	7.35	7.17
1935	4.22	4.98	5.70	4.86	4.69	4.53	4.92	4.83	4.75
2005	8.95	10.11	11.19	2.23	2.28	2.31	2.51	2.63	2.72
2055	14.19	15.65	17.00	1.36	1.49	1.59	1.71	1.89	2.03
2090	18.93	20.65	22.25	1.04	1.20	1.32	1.41	1.61	1.76
2120	23.99	26.05	27.96	0.88	1.05	1.18	1.26	1.45	1.60
2145	29.40	31.82	33.82	0.78	0.95	1.09	1.16	1.35	1.50
2175	37.59	38.03	37.23	0.69	0.86	1.00	1.07	1.26	1.40
2200	37.70	36.00	34.91	0.64	0.82	0.95	1.02	1.20	1.34
2225	34.46	33.68	33.22	0.59	0.77	0.91	0.96	1.13	1.27
2280	32.12	32.28	32.50	0.52	0.69	0.83	0.86	1.03	1.15
2360	34.24	35.00	35.75	0.40	0.57	0.72	0.72	0.88	1.00
2430	40.25	41.71	43.11	0.40	0.58	0.71	0.66	0.81	0.93
2600	37.74	37.22	36.78	0.32	0.49	0.64	0.52	0.67	0.80
2900	31.15	31.28	31.43	0.33	0.49	0.63	0.39	0.54	0.68
3500	34.29	34.68	35.02	0.27	0.42	0.52	0.30	0.46	0.60
4000	41.26	41.86	42.42	0.23	0.39	0.48	0.26	0.40	0.52
4490	62.31	64.70	64.42	0.18	0.35	0.46	0.24	0.38	0.48
5000	43.22	42.91	42.64	0.11	0.29	0.44	0.21	0.34	0.43
5500	36.80	36.67	36.53	0.09	0.29	0.46	0.17	0.33	0.45
6000	33.00	33.04	33.11	0.14	0.34	0.55	0.13	0.29	0.43
6500	30.62	30.97	31.28	0.20	0.42	0.63	0.13	0.34	0.54
6800	32.16	33.43	34.43	0.31	0.51	0.71	0.21	0.41	0.63
7000	41.27	42.92	40.97	0.31	0.52	0.74	0.29	0.53	0.80
7100	33.72	30.89	28.37	0.31	0.54	0.79	0.32	0.62	1.01
7320	11.73	12.01	13.39	1.46	1.52	1.39	6.48	5.45	3.53
8000	20.31	20.42	20.57	0.13	0.37	0.58	0.16	0.38	0.62
9000	19.83	19.27	18.63	0.10	0.33	0.49	1.08	1.77	1.65
10000	16.42	16.35	16.36	0.13	0.45	0.67	0.30	0.52	0.71
12000	11.29	11.55	11.71	0.71	1.12	1.50	0.68	0.98	1.28
13000	11.95	11.78	11.93	1.06	1.53	1.97	0.97	1.33	1.71
14200	9.26	10.07	10.84	2.03	2.64	3.30	1.35	1.66	1.95
16000	39.14	38.00	36.95	0.45	1.06	1.84	0.55	0.95	1.36

REV. X1
VLF-1575+
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

