

Coaxial Low Pass Filter

VLF-1000

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
10	0.02	0.05	0.05	50.05	46.06	45.16	51.11	46.06	45.03
50	0.04	0.07	0.07	44.26	40.64	39.53	45.49	40.82	39.03
100	0.08	0.10	0.13	41.58	41.97	41.50	39.46	37.43	35.91
500	0.21	0.30	0.33	34.24	31.95	29.95	27.73	26.54	25.52
800	0.35	0.47	0.55	42.88	39.50	37.37	36.73	35.48	34.35
900	0.45	0.58	0.69	30.18	29.40	28.62	30.53	30.08	29.32
950	0.51	0.68	0.77	25.68	24.98	24.29	25.44	24.90	24.25
1000	0.59	0.77	0.90	22.33	21.70	21.05	22.19	21.63	21.01
1015	0.62	0.78	0.94	21.25	20.66	20.06	21.24	20.67	20.11
1050	0.73	0.91	1.07	19.49	18.97	18.41	19.41	18.94	18.42
1076	0.78	0.99	1.15	18.26	17.77	17.22	18.44	18.00	17.54
1100	0.86	1.08	1.27	17.10	16.69	16.22	17.49	17.14	16.75
1200	1.37	1.69	2.00	13.68	13.32	12.96	15.72	15.96	16.27
1230	1.63	2.02	2.41	12.54	12.09	11.67	15.68	16.26	16.95
1280	2.42	3.04	3.67	9.56	8.91	8.27	14.38	14.68	14.83
1300	3.02	3.79	4.61	7.93	7.27	6.66	12.57	12.49	12.21
1325	4.15	5.22	6.30	5.87	5.32	4.85	9.68	9.47	9.12
1375	8.36	9.97	11.50	2.69	2.57	2.47	5.28	5.33	5.32
1400	11.38	13.12	14.77	1.86	1.89	1.90	4.06	4.25	4.36
1425	14.65	16.42	18.07	1.38	1.46	1.53	3.32	3.57	3.78
1455	18.58	20.28	21.80	1.04	1.19	1.30	2.73	3.01	3.25
1500	23.64	24.95	26.03	0.80	0.97	1.09	2.19	2.46	2.70
1550	27.12	27.95	28.58	0.67	0.84	0.97	1.75	2.02	2.23
1620	29.49	30.01	30.44	0.57	0.73	0.86	1.32	1.54	1.73
1700	31.77	32.34	32.87	0.49	0.66	0.79	0.97	1.16	1.31
1800	36.01	36.86	37.71	0.40	0.59	0.69	0.71	0.86	0.97
1850	39.25	40.32	41.49	0.40	0.58	0.70	0.61	0.75	0.86
1900	43.75	45.25	47.13	0.36	0.52	0.67	0.55	0.68	0.77
1985	58.20	55.85	53.08	0.33	0.51	0.65	0.43	0.55	0.64
2500	39.05	39.24	39.39	0.27	0.43	0.56	0.23	0.30	0.35
3000	43.27	43.61	43.81	0.26	0.41	0.51	0.16	0.24	0.28
3500	47.65	47.78	47.80	0.24	0.39	0.50	0.11	0.21	0.28
4000	47.24	47.33	47.34	0.18	0.37	0.48	0.09	0.20	0.30
5000	52.13	49.39	47.28	0.16	0.38	0.55	0.12	0.28	0.42
5095	44.29	42.66	41.22	0.13	0.35	0.55	0.12	0.29	0.44
5200	38.44	37.10	35.92	0.13	0.35	0.55	0.14	0.32	0.47
5500	25.15	23.86	22.63	0.18	0.43	0.66	0.34	0.59	0.87
5755	11.17	9.71	9.28	1.04	1.75	2.22	3.47	7.25	12.32
6895	20.09	20.71	21.35	0.16	0.40	0.61	0.83	1.66	3.13
7000	21.49	20.67	20.12	0.16	0.42	0.64	4.21	3.42	2.06
8050	18.74	19.01	19.25	0.19	0.44	0.60	0.19	0.34	0.47

REV. X1

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