

Coaxial Low Pass Filter

VLF-1200

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	0.06	0.07	0.08	47.31	44.57	42.43	44.97	41.64	39.81
100	0.07	0.10	0.11	40.05	41.64	41.71	39.18	38.58	38.13
200	0.07	0.11	0.14	36.86	34.62	33.30	33.56	32.13	31.40
500	0.19	0.24	0.29	27.20	25.90	24.91	24.92	23.83	22.84
1000	0.38	0.49	0.58	25.64	25.80	25.93	24.78	24.55	24.25
1200	0.53	0.69	0.82	33.17	30.61	28.65	29.57	27.65	25.91
1250	0.61	0.81	0.94	25.62	24.11	22.91	24.42	22.92	21.65
1300	0.72	0.93	1.11	21.05	19.98	19.20	19.89	18.80	17.86
1315	0.77	0.99	1.17	19.80	18.87	18.16	18.71	17.75	16.86
1350	0.89	1.14	1.36	17.39	16.74	16.18	16.45	15.63	14.86
1400	1.14	1.45	1.72	14.57	14.21	13.88	13.46	12.84	12.18
1450	1.56	1.95	2.32	12.22	12.10	11.93	10.82	10.29	9.73
1500	2.27	2.81	3.35	9.98	9.96	9.90	8.27	7.79	7.30
1505	2.33	2.92	3.48	9.73	9.72	9.66	8.03	7.56	7.08
1530	2.92	3.63	4.35	8.52	8.52	8.44	6.74	6.29	5.87
1560	3.96	4.92	5.83	7.02	6.98	6.90	5.24	4.86	4.54
1600	6.11	7.44	8.69	5.03	5.02	4.96	3.51	3.33	3.18
1630	8.43	10.04	11.51	3.79	3.85	3.88	2.56	2.52	2.51
1675	12.91	14.77	16.41	2.54	2.69	2.78	1.73	1.86	1.97
1700	15.70	17.61	19.28	2.09	2.27	2.40	1.49	1.68	1.82
1720	18.01	19.91	21.57	1.83	2.02	2.14	1.38	1.57	1.74
1780	24.40	26.01	27.27	1.33	1.52	1.66	1.16	1.38	1.57
1800	26.12	27.51	28.57	1.24	1.43	1.56	1.11	1.35	1.54
1830	28.11	29.16	29.88	1.09	1.28	1.42	1.08	1.31	1.49
1865	30.99	31.12	31.23	0.93	1.09	1.27	0.93	1.11	1.31
2000	30.51	30.80	31.08	0.74	0.91	1.03	0.88	1.07	1.24
2350	40.32	41.76	43.25	0.46	0.66	0.81	0.53	0.68	0.77
2495	57.72	54.94	52.03	0.42	0.62	0.77	0.43	0.55	0.62
3000	37.13	37.20	37.16	0.37	0.55	0.66	0.25	0.36	0.43
3500	37.08	37.28	37.38	0.28	0.45	0.55	0.18	0.29	0.36
4000	37.70	37.86	38.01	0.21	0.38	0.47	0.14	0.26	0.34
4500	37.47	37.66	37.77	0.19	0.35	0.47	0.12	0.26	0.38
5000	37.60	37.80	38.09	0.18	0.38	0.50	0.13	0.28	0.42
5610	48.45	51.65	51.68	0.14	0.35	0.54	0.10	0.28	0.46
5780	43.02	39.65	37.25	0.15	0.39	0.59	0.10	0.31	0.49
5940	32.05	30.02	28.34	0.18	0.43	0.66	0.13	0.35	0.55
6120	22.86	20.87	19.08	0.34	0.69	1.03	0.27	0.56	0.90
6200	18.63	16.43	14.44	0.54	1.05	1.72	0.43	0.87	1.46
6330	10.59	8.53	8.05	2.19	4.46	5.63	1.88	3.78	4.82
6490	7.91	9.97	11.56	2.83	1.88	1.60	2.51	1.70	1.45
7000	15.60	15.93	16.18	0.27	0.54	0.76	0.27	0.48	0.69

REV. X1

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