

Coaxial Low Pass Filter

VLF-1700

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	0.05	0.06	45.66	43.91	42.71	49.33	44.41	41.25
100	0.04	0.07	0.09	40.81	43.22	44.28	41.13	40.49	39.82
500	0.13	0.21	0.24	28.24	26.87	25.62	26.75	25.48	24.32
1000	0.25	0.33	0.39	22.64	22.11	21.62	21.91	21.24	20.70
1200	0.28	0.39	0.47	22.49	22.30	22.21	22.15	21.89	21.61
1500	0.40	0.54	0.64	28.37	28.40	29.10	31.14	32.37	35.30
1600	0.47	0.61	0.77	28.12	26.96	26.09	32.02	31.03	29.79
1700	0.58	0.77	0.94	21.69	20.73	19.88	22.01	21.18	20.21
1750	0.69	0.89	1.08	18.54	17.88	17.11	18.65	17.95	17.11
1785	0.78	1.00	1.20	16.67	16.10	15.47	16.70	16.09	15.31
1930	1.51	1.89	2.26	10.36	10.04	9.77	9.93	9.41	8.87
2000	2.31	2.83	3.40	7.85	7.70	7.53	7.25	6.82	6.38
2050	3.28	3.98	4.75	6.28	6.23	6.17	5.51	5.15	4.81
2070	3.78	4.57	5.43	5.64	5.64	5.65	4.83	4.51	4.23
2100	4.77	5.73	6.75	4.84	4.90	5.00	3.93	3.68	3.50
2160	7.60	8.92	10.36	3.55	3.76	3.96	2.48	2.43	2.40
2220	11.91	13.71	15.63	2.71	3.01	3.25	1.62	1.69	1.80
2260	15.79	18.03	20.38	2.35	2.64	2.88	1.30	1.46	1.59
2295	20.06	22.72	25.59	2.09	2.37	2.59	1.13	1.32	1.49
2320	23.75	26.87	30.12	1.96	2.22	2.45	1.08	1.27	1.45
2375	34.95	36.86	36.05	1.65	1.88	2.10	0.97	1.17	1.36
2400	37.94	36.15	34.59	1.54	1.78	1.97	0.94	1.14	1.34
2500	32.90	33.29	33.94	1.17	1.38	1.57	0.88	1.09	1.28
2605	37.07	38.73	40.74	0.92	1.11	1.28	0.81	1.01	1.19
2700	49.18	50.96	49.30	0.74	0.95	1.13	0.73	0.93	1.10
2995	37.68	37.87	38.13	0.51	0.72	0.89	0.58	0.76	0.87
3400	44.42	45.41	46.43	0.41	0.60	0.75	0.45	0.56	0.67
3755	64.56	61.19	58.69	0.37	0.54	0.68	0.30	0.43	0.52
4000	50.27	49.80	49.39	0.34	0.51	0.65	0.29	0.40	0.50
4500	44.24	44.19	44.13	0.28	0.48	0.62	0.19	0.33	0.43
5500	39.32	39.34	39.53	0.21	0.41	0.61	0.16	0.31	0.47
6000	39.36	39.82	40.43	0.17	0.39	0.59	0.14	0.28	0.46
6320	43.51	45.00	47.40	0.19	0.42	0.64	0.13	0.31	0.51
6500	52.57	53.35	48.21	0.18	0.41	0.63	0.13	0.31	0.51
6550	52.36	48.11	43.78	0.18	0.43	0.66	0.15	0.33	0.52
6700	39.60	37.06	34.68	0.16	0.41	0.64	0.14	0.34	0.54
7000	25.14	23.20	21.19	0.23	0.52	0.84	0.29	0.55	0.88
7210	15.20	12.72	10.45	0.64	1.32	2.34	1.07	2.16	4.31
8000	16.67	17.11	17.54	0.25	0.49	0.71	0.26	0.44	0.59
9000	17.29	17.55	17.82	0.14	0.39	0.57	0.25	0.43	0.54

REV. X1

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