Coaxial Low Pass Filter VLF-630

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C
50	0.10	0.13	0.14	38.22	36.44	35.10	41.41	38.68	36.62
100	0.14	0.19	0.19	35.15	34.28	33.62	36.65	35.12	34.50
110	0.15	0.18	0.22	34.72	34.15	33.42	36.57	35.07	34.33
120	0.15	0.21	0.23	33.37	32.65	31.92	35.68	34.43	33.67
130	0.18	0.21	0.24	33.19	32.46	31.60	35.63	34.19	33.42
140	0.19	0.23	0.25	33.37	32.40	31.34	35.31	33.93	33.09
150	0.17	0.20	0.23	33.11	31.93	30.89	35.39	33.80	32.92
160	0.18	0.22	0.25	32.77	31.35	30.22	35.18	33.53	32.38
170	0.17	0.21	0.25	32.52	31.05	29.78	35.27	33.40	32.21
180	0.19	0.24	0.28	32.42	30.69	29.29	34.59	32.80	31.54
190	0.20	0.25	0.29	31.94	30.17	28.63	34.87	32.78	31.27
200	0.22	0.28	0.31	31.78	29.79	28.17	34.57	32.33	30.73
300	0.27	0.35	0.39	28.77	27.08	25.55	32.26	29.93	27.97
350	0.30	0.38	0.45	27.79	26.63	25.50	31.51	29.71	28.06
400	0.35	0.43	0.52	27.51	26.54	25.81	32.24	30.83	29.51
500	0.42	0.55	0.63	31.55	30.45	30.29	41.49	40.36	39.64
600	0.57	0.74	0.86	28.17	27.46	26.55	28.86	28.11	27.16
630	0.65	0.81	0.95	24.51	23.84	23.08	25.21	24.52	23.76
700	0.89	1.11	1.28	19.20	18.72	18.26	20.13	19.72	19.29
800	1.57	1.99	2.39	21.13	19.34	17.50	28.25	23.16	19.97
830	2.41	3.11	3.84	11.93	10.56	9.37	12.99	11.45	10.17
880	7.32	8.74	10.10	3.29	3.12	2.96	3.82	3.69	3.57
900	10.72	12.28	13.77	2.07	2.09	2.07	2.54	2.61	2.66
910	12.58	14.21	15.72	1.71	1.77	1.81	2.17	2.28	2.38
960	23.06	24.90	26.61	0.91	1.07	1.17	1.33	1.54	1.70
1000	33.24	35.46	37.66	0.73	0.87	0.99	1.13	1.33	1.48
1020	39.73	42.37	44.92	0.69	0.84	0.95	1.05	1.24	1.41
1030	43.70	46.51	48.82	0.70	0.83	0.94	1.01	1.22	1.38
1040	48.10	50.49	50.92	0.63	0.78	0.89	1.02	1.21	1.36
1050	52.27	51.72	50.43	0.63	0.77	0.87	0.98	1.17	1.33
1100	47.43	47.51	47.60	0.57	0.70	0.81	0.88	1.05	1.22
1200	56.01	57.57	59.36	0.48	0.62	0.71	0.72	0.89	1.03
1300	55.77	54.97	54.48	0.44	0.60	0.68	0.60	0.76	0.90
1400	51.31	51.34	51.49	0.41	0.55	0.66	0.52	0.68	0.78
1500	51.26	51.52	51.84	0.36	0.49	0.61	0.44	0.57	0.70
2000	56.29	56.22	56.25	0.27	0.42	0.53	0.22	0.34	0.41
2500	62.30	63.02	63.85	0.24	0.37	0.47	0.19	0.28	0.33
3000	48.79	48.15	47.72	0.19	0.32	0.41	0.16	0.24	0.31
3500	38.83	38.58	38.31	0.16	0.29	0.37	0.09	0.18	0.26
4000	33.41	33.33	33.21	0.12	0.29	0.37	0.10	0.21	0.31
4500	29.78	29.76	29.73	0.12	0.30	0.42	0.08	0.22	0.35
5000	27.25	27.29	27.36	0.12	0.33	0.50	0.11	0.27	0.44
5500	24.25	24.37	24.47	0.19	0.37	0.56	0.18	0.33	0.53
6000	22.89	22.97	23.07	0.17	0.36	0.56	0.12	0.30	0.53
6500	21.16	21.30	21.47	0.15	0.37	0.58	0.15	0.35	0.55
7000	20.01	20.09	20.19	0.15	0.38	0.59	0.20	0.37	0.56
7500	19.05	19.17	19.18	0.24	0.44	0.62	0.20	0.37	0.54
8000	18.03	18.20	18.32	0.17	0.42	0.60	0.22	0.40	0.53
8500	17.51	17.74	17.98	0.24	0.45	0.58	0.28	0.45	0.55
9000	16.92	17.08	17.20	0.19	0.43	0.58	0.81	1.05	0.99
9500	16.19	16.27	16.38	0.25	0.55	0.73	0.40	0.64	0.79
10000	15.94	15.92	15.84	0.30	0.65	0.92	0.45	0.76	1.01
10500	15.72	15.84	15.76	0.45	0.81	1.16	0.59	0.99	1.40
11000	15.67	16.32	16.85	0.82	1.31	1.81	0.79	1.24	1.76