

Coaxial Low Pass Filter

VLF-190+

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
40	0.22	0.27	0.31	32.57	30.41	28.51	32.71	30.33	28.46
50	0.24	0.29	0.32	31.81	29.78	27.84	32.02	29.69	27.83
70	0.29	0.35	0.39	30.69	28.77	26.99	30.69	28.56	26.90
85	0.33	0.39	0.43	30.29	28.56	26.97	29.95	28.06	26.69
100	0.37	0.43	0.48	30.14	28.56	27.23	29.48	27.80	26.71
120	0.43	0.50	0.54	30.17	28.71	27.76	29.01	27.55	26.82
130	0.46	0.53	0.58	30.21	28.81	28.06	28.76	27.41	26.84
145	0.51	0.59	0.64	30.27	29.03	28.65	28.29	27.18	26.84
155	0.55	0.63	0.69	30.25	29.21	29.16	27.83	26.94	26.74
170	0.61	0.70	0.77	30.01	29.40	30.14	26.84	26.27	26.25
185	0.69	0.79	0.86	28.71	28.65	30.18	25.37	25.07	25.16
190	0.72	0.82	0.89	27.93	28.01	29.62	24.77	24.52	24.64
200	0.78	0.89	0.97	25.87	26.10	27.48	23.38	23.25	23.38
210	0.86	0.98	1.06	23.38	23.64	24.58	21.76	21.72	21.83
260	1.88	2.00	2.12	10.84	11.22	11.43	11.78	12.34	12.61
280	3.11	3.18	3.28	6.88	7.34	7.58	8.04	8.77	9.21
300	5.44	5.36	5.38	4.04	4.48	4.72	5.32	6.03	6.55
330	11.43	11.07	10.92	1.90	2.21	2.39	3.51	4.02	4.47
345	15.56	15.05	14.82	1.46	1.71	1.87	3.42	3.83	4.21
360	20.61	19.90	19.58	1.22	1.44	1.58	3.69	4.03	4.33
375	26.86	25.87	25.42	1.08	1.29	1.42	4.08	4.45	4.73
385	31.78	30.60	30.03	1.03	1.22	1.35	4.17	4.66	4.98
400	39.44	38.56	38.05	0.96	1.15	1.27	3.87	4.55	5.02
450	40.03	40.44	40.74	0.84	1.00	1.12	2.08	2.53	2.94
510	41.80	41.48	41.24	0.72	0.87	0.99	1.14	1.34	1.52
570	53.10	51.33	50.37	0.62	0.76	0.86	0.73	0.86	0.97
600	61.92	61.66	60.13	0.58	0.70	0.81	0.61	0.72	0.81
700	48.72	48.85	49.05	0.46	0.56	0.65	0.39	0.46	0.53
900	68.23	66.12	63.34	0.30	0.38	0.45	0.27	0.31	0.36
1500	48.55	48.65	48.77	0.16	0.21	0.25	0.24	0.26	0.30
2000	46.55	47.05	47.34	0.16	0.22	0.24	0.21	0.25	0.29
2850	38.13	37.82	36.87	4.81	2.15	1.55	0.20	0.27	0.34
3100	24.90	25.59	28.72	0.73	1.13	1.25	0.54	0.64	0.65
5000	22.00	22.34	22.62	0.79	1.11	1.45	0.18	0.33	0.50
6550	17.77	17.96	18.25	0.18	0.34	0.52	0.37	0.43	0.49
8500	14.86	14.50	14.61	1.05	1.04	1.25	4.27	4.49	4.76
9200	30.46	32.01	31.73	0.37	0.50	0.68	2.17	2.29	2.53
10500	15.66	15.35	15.80	1.02	1.05	1.13	3.61	3.32	3.12
12000	22.67	24.95	23.91	4.40	6.74	6.03	4.58	4.08	4.33
14000	13.40	17.78	17.32	3.93	5.67	5.13	2.47	2.66	2.66
16000	14.92	17.50	18.10	1.15	1.46	2.11	10.13	10.73	11.67
18000	16.21	17.88	15.64	2.49	2.55	3.02	1.95	2.63	3.35

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