

Coaxial Low Pass Filter

VLF-7200+

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	0.06	0.05	0.07	46.20	41.35	37.60	45.99	39.51	36.04
50	0.00	0.03	0.02	49.53	42.00	37.32	48.05	41.19	37.05
100	0.01	0.03	0.03	42.54	46.42	40.03	41.07	44.01	39.40
200	0.02	0.05	0.04	47.66	40.50	38.95	41.34	40.15	39.17
300	0.02	0.06	0.06	40.76	36.30	30.90	41.82	36.56	30.86
400	0.04	0.08	0.08	37.50	33.57	28.57	42.20	33.65	28.20
500	0.06	0.10	0.10	32.41	31.53	28.25	33.53	31.85	28.03
1000	0.09	0.14	0.16	25.27	24.77	24.43	25.90	25.20	24.77
1500	0.12	0.19	0.22	21.37	21.03	20.89	21.66	21.33	21.37
2000	0.16	0.25	0.29	17.92	17.75	17.64	18.09	17.96	17.94
2500	0.24	0.33	0.37	15.57	15.76	16.08	15.53	15.78	16.16
3000	0.28	0.40	0.43	14.57	14.69	15.24	14.58	14.68	15.25
3450	0.33	0.45	0.50	13.78	14.01	14.12	13.72	14.02	14.14
4000	0.33	0.50	0.59	14.29	13.83	13.29	14.31	13.89	13.35
4500	0.33	0.50	0.59	15.01	14.64	14.29	15.15	14.76	14.34
5000	0.33	0.48	0.56	16.00	16.35	16.36	16.27	16.53	16.36
5500	0.31	0.48	0.56	19.39	19.62	19.85	19.69	19.65	19.52
6000	0.32	0.49	0.58	22.37	24.75	27.20	21.86	24.52	26.67
6700	0.39	0.60	0.72	45.10	34.28	29.32	36.71	30.95	26.93
7000	0.49	0.71	0.84	24.19	25.69	24.91	25.08	24.97	22.85
7200	0.58	0.80	0.93	19.17	21.14	21.91	19.85	21.04	20.56
7500	0.84	1.08	1.21	14.53	15.67	16.58	15.40	16.35	16.91
8000	1.97	2.47	2.79	8.41	8.11	7.93	10.52	11.00	11.30
8150	3.23	4.01	4.58	5.63	5.24	4.91	7.70	7.86	7.66
8200	3.93	4.91	5.62	4.71	4.32	4.02	6.69	6.63	6.38
8400	8.78	10.79	12.01	1.99	1.81	1.71	3.27	3.08	2.99
8500	12.64	15.04	16.51	1.29	1.26	1.22	2.23	2.21	2.23
8600	17.41	20.18	21.91	0.93	0.99	0.99	1.64	1.75	1.81
8700	23.27	26.52	28.69	0.70	0.85	0.88	1.21	1.40	1.51
8750	26.80	30.42	32.90	0.64	0.78	0.81	1.12	1.33	1.44
8850	36.14	39.58	40.23	0.55	0.71	0.75	0.92	1.16	1.30
9000	36.65	35.31	34.90	0.45	0.63	0.69	0.77	1.05	1.21
9500	34.14	34.46	34.78	0.26	0.51	0.68	0.54	0.80	1.00
9550	34.65	35.03	35.37	0.25	0.51	0.70	0.54	0.81	1.01
9600	35.26	35.68	36.04	0.25	0.53	0.72	0.49	0.74	0.95
10000	41.16	41.89	42.47	0.19	0.46	0.70	0.41	0.65	0.82
11000	46.12	46.57	47.62	0.19	0.40	0.59	0.20	0.40	0.48
12300	34.47	34.86	35.93	0.02	0.25	0.37	0.00	0.25	0.37
14000	29.53	26.64	26.86	0.11	0.31	0.32	0.02	0.30	0.42
16000	20.96	22.26	21.65	0.18	0.29	0.42	0.05	0.44	0.84
18000	17.59	16.25	16.11	0.13	0.59	0.83	0.39	0.72	1.01
20000	9.76	10.92	11.00	1.67	1.53	1.63	1.25	1.66	2.11

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