

Coaxial Low Pass Filter

VLF-6400+

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	0.05	0.09	0.09	43.58	45.28	40.91	44.25	46.93	41.93
100	0.00	0.01	0.03	41.28	48.47	40.84	39.91	45.79	40.47
200	0.00	0.01	0.03	44.39	43.70	41.11	41.92	41.48	40.03
400	0.03	0.05	0.08	41.27	36.99	30.00	43.27	37.21	29.92
600	0.04	0.07	0.10	33.78	32.77	30.07	36.69	33.69	30.43
800	0.05	0.09	0.13	30.45	29.48	28.09	31.24	29.93	28.24
1000	0.06	0.10	0.15	28.26	27.47	27.12	29.33	27.92	27.56
1500	0.07	0.12	0.17	25.67	25.06	24.85	25.67	25.21	25.36
2000	0.11	0.17	0.23	21.75	21.65	21.41	21.92	21.84	21.74
2500	0.16	0.22	0.28	19.62	19.65	20.21	19.62	19.77	20.45
3000	0.18	0.25	0.33	18.51	18.76	19.74	18.46	18.74	19.69
3500	0.24	0.32	0.41	17.22	17.45	17.78	17.40	17.75	18.09
4000	0.25	0.36	0.49	17.97	17.30	16.41	17.96	17.51	16.74
4500	0.22	0.33	0.47	20.44	19.55	18.68	19.96	19.43	18.72
5000	0.24	0.36	0.49	23.83	23.88	24.26	23.56	23.60	23.51
5200	0.24	0.36	0.49	26.90	27.96	27.68	25.66	27.23	26.17
6000	0.35	0.51	0.68	24.49	21.22	19.95	24.69	21.92	21.09
6400	0.47	0.66	0.88	19.03	17.60	16.63	19.02	17.71	16.78
6750	0.69	0.87	1.11	15.61	16.43	16.28	16.16	17.17	16.90
7150	1.49	1.88	2.34	10.92	10.45	9.80	14.43	13.38	12.52
7200	1.76	2.22	2.76	9.49	8.98	8.40	12.39	11.44	10.69
7300	2.81	3.50	4.26	6.49	6.11	5.75	8.18	7.65	7.21
7450	6.13	7.15	8.33	2.90	2.92	2.94	3.71	3.72	3.67
7550	9.93	11.14	12.57	1.61	1.77	1.94	2.20	2.33	2.40
7630	13.76	15.27	17.00	1.05	1.27	1.50	1.56	1.71	1.81
7700	17.89	19.83	21.94	0.79	1.01	1.26	1.24	1.39	1.51
7740	20.67	22.88	25.28	0.69	0.90	1.13	1.07	1.19	1.29
7770	23.18	25.73	28.40	0.62	0.83	1.06	1.05	1.18	1.29
7790	24.90	27.70	30.46	0.58	0.79	1.02	0.99	1.11	1.22
7850	31.53	33.79	33.74	0.47	0.68	0.91	0.90	1.02	1.11
8000	29.23	28.32	27.65	0.39	0.53	0.71	0.82	0.87	0.96
8300	25.89	26.53	26.94	0.28	0.34	0.46	0.70	0.73	0.83
8850	36.19	37.49	38.91	0.26	0.24	0.33	0.52	0.70	0.90
9500	37.80	37.13	36.87	0.32	0.33	0.45	0.39	0.68	1.00
10200	34.24	34.13	34.13	0.32	0.41	0.63	0.19	0.51	0.91
11000	41.36	40.91	41.77	0.34	0.48	0.67	0.10	0.60	0.88
12000	42.33	40.32	39.58	0.07	0.36	0.54	0.07	0.02	0.18
12500	36.20	38.65	38.94	0.02	0.34	0.53	0.01	0.03	0.19
14000	30.54	28.80	28.26	0.16	0.07	0.35	0.25	0.18	0.25
16000	22.30	23.03	22.93	0.02	0.05	0.25	0.24	0.65	0.94
18000	20.11	18.02	18.96	0.22	0.11	0.41	0.36	0.52	1.30
20000	15.06	14.49	13.96	1.02	0.61	0.92	0.41	0.04	0.74

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