

Coaxial Low Pass Filter

VLF-2600+

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	0.06	0.06	0.09	36.09	34.63	33.83	35.26	34.23	33.61
100	0.07	0.07	0.09	37.96	36.39	35.15	38.11	36.64	35.67
500	0.12	0.16	0.21	35.88	37.93	40.63	33.78	34.12	34.51
1000	0.18	0.25	0.32	34.88	35.21	33.84	29.60	28.91	27.67
2000	0.38	0.49	0.61	19.21	19.62	19.94	19.40	19.67	19.88
2600	0.62	0.78	0.95	18.79	19.05	19.38	18.11	18.41	18.78
2710	0.70	0.88	1.08	17.84	17.51	17.28	17.01	16.81	16.76
3090	2.12	2.56	3.03	7.52	7.14	6.79	7.49	7.20	6.95
3125	2.49	2.97	3.49	6.57	6.26	5.97	6.57	6.34	6.14
3220	3.88	4.49	5.15	4.37	4.24	4.11	4.52	4.45	4.36
3420	9.02	9.93	10.88	1.73	1.83	1.93	2.00	2.10	2.18
3560	14.09	15.15	16.23	1.02	1.18	1.35	1.34	1.49	1.63
3680	19.06	20.23	21.44	0.72	0.91	1.09	1.09	1.26	1.41
3750	22.11	23.32	24.59	0.61	0.81	0.99	1.02	1.19	1.35
3800	24.32	25.57	26.85	0.58	0.77	0.95	1.00	1.17	1.33
3900	28.85	30.08	31.33	0.53	0.72	0.89	0.98	1.17	1.36
4000	33.06	34.10	35.13	0.46	0.66	0.82	0.93	1.13	1.35
4240	38.01	38.10	38.24	0.36	0.54	0.71	0.91	1.14	1.39
4980	36.31	36.67	37.18	0.29	0.46	0.59	0.72	0.92	1.10
5550	46.40	45.41	44.16	0.27	0.47	0.67	0.48	0.63	0.75
6000	39.62	39.18	38.60	0.18	0.41	0.68	0.36	0.50	0.65
6600	31.06	30.88	30.70	0.18	0.40	0.68	0.22	0.39	0.59
7000	27.67	27.65	27.67	0.14	0.35	0.59	0.24	0.42	0.63
7500	25.03	25.02	25.04	0.15	0.34	0.51	0.17	0.38	0.62
8000	22.87	22.82	22.82	0.11	0.32	0.49	0.19	0.42	0.68
8400	21.63	21.58	21.48	0.06	0.31	0.54	0.20	0.41	0.65
9000	20.14	19.95	19.85	0.03	0.26	0.58	0.19	0.42	0.67
9500	18.77	18.73	18.80	0.02	0.25	0.56	0.24	0.44	0.69
10000	17.47	17.66	18.01	0.04	0.29	0.53	0.30	0.48	0.66
11000	15.40	15.61	15.77	0.15	0.44	0.66	0.33	0.51	0.68
12000	14.11	14.21	14.19	0.21	0.63	1.11	0.41	0.63	0.83
13000	11.68	11.89	12.10	0.58	1.01	1.52	0.73	1.05	1.43
13940	9.76	11.08	13.39	3.61	6.16	8.92	1.28	1.57	1.88
14500	15.91	16.70	17.89	2.47	2.80	3.55	0.94	1.34	1.86
15000	17.17	15.28	14.88	7.43	18.89	15.45	2.86	4.25	3.84
16000	14.84	16.31	17.85	1.84	2.70	4.36	0.70	0.93	1.16
17000	19.52	20.83	21.76	0.67	0.96	1.32	0.59	0.91	1.27
18000	25.38	26.08	27.13	0.11	0.75	1.53	0.72	1.17	1.68
19000	32.62	34.54	32.77	0.71	1.12	1.57	1.27	2.11	3.54
20000	20.76	20.19	19.29	4.95	7.91	10.16	4.75	6.25	7.11

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