

Coaxial Low Pass Filter

VLF-1400+

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	0.07	0.07	0.09	41.65	38.56	37.24	42.08	38.85	37.07
100	0.08	0.09	0.10	40.53	39.16	37.89	44.07	40.32	37.74
500	0.14	0.17	0.23	28.75	28.47	27.84	35.95	36.90	35.05
800	0.23	0.30	0.36	24.83	24.34	23.66	27.69	27.72	27.28
1000	0.28	0.35	0.44	23.70	23.52	23.33	25.44	25.84	26.22
1400	0.47	0.62	0.73	28.95	26.23	24.22	32.21	28.39	25.83
1500	0.62	0.82	1.00	19.51	18.02	16.83	20.85	19.29	18.08
1540	0.74	0.96	1.18	16.81	15.57	14.51	17.87	16.61	15.65
1700	1.98	2.55	3.14	7.66	6.85	6.18	8.52	7.83	7.31
1710	2.14	2.78	3.39	7.16	6.38	5.77	8.04	7.39	6.89
1765	3.49	4.44	5.38	4.72	4.17	3.76	5.55	5.14	4.82
1850	7.52	9.11	10.61	2.16	2.01	1.92	2.87	2.81	2.77
1915	12.47	14.55	16.47	1.27	1.32	1.36	1.81	1.92	1.98
1960	16.68	19.15	21.39	1.00	1.10	1.20	1.48	1.62	1.71
1975	18.21	20.81	23.23	0.94	1.06	1.17	1.38	1.52	1.65
2015	22.67	25.70	28.61	0.83	0.98	1.11	1.17	1.34	1.46
2050	26.94	30.48	34.05	0.78	0.94	1.07	1.08	1.23	1.37
2100	33.44	37.96	43.04	0.74	0.92	1.07	0.94	1.11	1.23
2105	34.10	38.72	44.04	0.73	0.91	1.06	0.93	1.09	1.20
2140	38.45	43.52	49.48	0.72	0.90	1.07	0.86	1.01	1.13
2300	37.05	36.97	36.91	0.69	0.88	1.06	0.65	0.79	0.91
2585	30.72	30.90	31.10	0.66	0.88	1.07	0.46	0.60	0.75
3000	37.03	37.63	38.20	0.53	0.71	0.84	0.36	0.50	0.63
3300	51.48	53.20	54.91	0.41	0.59	0.68	0.35	0.48	0.61
3510	53.39	52.55	51.86	0.33	0.51	0.59	0.35	0.49	0.57
3700	47.03	46.90	46.81	0.29	0.47	0.58	0.32	0.44	0.56
4000	43.93	44.14	44.16	0.22	0.40	0.54	0.29	0.41	0.50
4300	42.67	42.75	42.71	0.17	0.37	0.52	0.28	0.41	0.49
4500	41.90	41.97	41.97	0.13	0.36	0.53	0.26	0.38	0.47
5000	39.71	39.77	39.75	0.12	0.33	0.54	0.23	0.36	0.45
6000	37.58	38.27	38.78	0.12	0.34	0.57	0.15	0.29	0.42
6460	47.37	52.32	51.58	0.14	0.37	0.59	0.14	0.31	0.48
6600	46.40	41.25	38.29	0.16	0.40	0.62	0.15	0.35	0.52
6700	37.39	34.29	32.11	0.15	0.42	0.63	0.15	0.36	0.53
6800	31.38	28.87	26.88	0.20	0.45	0.69	0.16	0.39	0.60
7000	21.22	18.61	16.20	0.35	0.80	1.28	0.30	0.65	1.10
7235	7.07	6.43	8.02	5.18	7.01	3.93	3.84	4.83	3.08
7500	12.02	13.12	14.01	0.73	0.83	0.92	0.64	0.72	0.87
8000	16.07	16.21	16.36	0.24	0.49	0.65	0.31	0.53	0.74
8500	15.20	18.73	19.29	0.65	0.72	0.66	1.04	1.11	0.95
9000	17.05	17.21	17.28	0.20	0.46	0.61	0.38	0.56	0.72

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