Coaxial Low Pass Filter VLF-490+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C
50	0.12	0.16	0.19	34.21	32.56	31.70	33.65	31.98	30.98
60	0.13	0.17	0.19	34.14	32.27	31.63	32.61	31.05	30.19
70	0.14	0.19	0.20	33.38	31.83	31.33	32.15	30.52	29.86
80	0.16	0.20	0.21	32.84	31.41	30.91	31.33	29.96	29.40
90	0.18	0.21	0.24	32.62	31.44	31.05	31.05	29.75	29.24
100	0.17	0.21	0.23	32.46	31.48	31.21	30.56	29.43	28.99
150	0.22	0.26	0.30	31.52	32.05	33.08	27.72	27.50	27.60
200	0.27	0.33	0.37	31.35	33.87	37.38	26.31	26.58	26.94
250	0.31	0.38	0.44	31.64	35.95	45.43	25.23	25.49	25.85
300	0.36	0.44	0.51	32.02	35.69	40.61	25.22	25.24	25.33
350	0.41	0.51	0.59	30.89	32.73	33.92	25.01	24.87	24.66
400	0.49	0.60	0.68	29.77	31.13	31.85	25.18	25.16	24.90
450	0.56	0.71	0.80	27.88	29.20	29.99	25.37	25.65	25.45
490	0.65	0.80	0.93	26.06	26.78	26.98	24.63	24.77	24.42
600	1.23	1.52	1.79	15.16	14.58	14.02	16.05	15.67	15.34
650	2.00	2.46	2.91	10.65	10.17	9.71	13.31	13.62	14.08
700	4.57	5.75	6.96	5.47	5.00	4.57	9.77	9.82	9.60
730	9.88	11.84	13.76	2.54	2.48	2.40	4.96	4.98	4.93
765	20.89	23.48	26.02	1.31	1.46	1.54	2.58	2.80	2.96
800	37.79	40.45	41.63	0.99	1.15	1.26	1.82	2.06	2.25
880	46.51	48.15	49.41	0.74	0.89	1.00	1.27	1.48	1.66
900	52.86	52.33	50.79	0.69	0.85	0.94	1.18	1.40	1.58
950	43.25	42.55	42.00	0.61	0.75	0.84	1.05	1.23	1.41
1000	39.24	39.23	39.18	0.56	0.69	0.79	0.93	1.10	1.28
1500	70.40	68.69	66.92	0.29	0.41	0.49	0.38	0.48	0.58
2000	53.66	53.91	54.01	0.19	0.31	0.40	0.19	0.28	0.35
2500	49.60	49.48	49.22	0.19	0.31	0.38	0.16	0.23	0.30
3000	42.23	42.01	41.73	0.18	0.31	0.36	0.15	0.24	0.30
3500	36.85	36.75	36.54	0.21	0.33	0.40	0.10	0.18	0.30
4000	33.46	33.45	33.38	0.16	0.31	0.41	0.12	0.23	0.35
4500	36.56	38.21	37.81	0.21	0.41	0.61	0.18	0.33	0.51
5000	23.61	23.84	24.03	0.23	0.40	0.56	0.21	0.35	0.52
5500	21.65	21.63	22.51	0.29	0.53	0.77	0.32	0.54	0.83
6000	22.22	22.33	22.48	0.22	0.42	0.61	0.24	0.41	0.61
6500	20.66	20.78	20.94	0.23	0.45	0.64	0.23	0.40	0.60
7000	19.46	19.53	19.62	0.27	0.50	0.71	0.25	0.41	0.61
7500	18.48	18.55	18.69	0.61	0.98	1.37	0.27	0.41	0.60
8000	19.21	19.05	19.00	1.14	1.00	1.01	0.25	0.39	0.53
8500	17.47	17.65	17.81	0.31	0.52	0.66	0.24	0.38	0.48
9000	16.54	16.73	16.89	0.25	0.49	0.64	0.34	0.52	0.64
9500	15.93	16.06	16.14	0.28	0.60	0.82	0.34	0.56	0.74
10000	15.46	15.55	15.53	0.41	0.78	1.10	0.51	0.80	1.08
10500	15.24	15.52	15.66	0.66	1.07	1.48	0.72	1.12	1.58
11000	15.78	16.59	17.35	1.04	1.50	1.96	1.16	1.75	2.45
11500	19.84	21.89	24.08	1.70	2.35	2.91	2.67	3.75	4.91
12000	26.33	24.76	24.00	2.31	3.37	4.28	5.91	6.73	7.25
12500	23.37	25.08	27.92	2.74	3.41	3.96	3.47	4.27	4.75
13000	33.93	30.59	28.47	2.52	2.83	3.11	1.74	1.99	2.28
13500	22.03	21.08	20.22	2.10	2.81	3.49	1.32	1.57	1.83
14000	16.05	15.49	15.06	2.13	3.28	4.55	0.96	1.23	1.48
14500	11.47	11.44	11.52	4.17	5.37	6.13	1.10	1.36	1.60
15000	9.26	9.72	9.78	7.46	8.12	8.18	1.40	1.76	2.15
15500	9.06	9.76	10.23	8.96	12.87	11.63	1.96	2.80	3.48
16000	9.74	8.86	8.75	6.23	9.26	13.40	2.40	3.21	3.79