Coaxial Low Pass Filter VLF-575+

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	0.15	0.17	38.54	35.73	34.72	37.70	35.28	34.27
60	0.12	0.14	0.16	39.41	36.87	35.19	36.04	33.90	33.04
70	0.11	0.16	0.18	38.88	36.23	34.79	35.84	33.72	32.91
75	0.15	0.17	0.20	38.80	36.20	35.03	35.39	33.66	32.85
80	0.17	0.20	0.22	38.35	35.97	34.74	34.40	32.90	32.04
85	0.18	0.22	0.25	38.81	36.85	35.31	34.61	33.00	32.28
90	0.13	0.18	0.20	39.59	37.44	36.03	34.06	32.59	31.97
95	0.16	0.23	0.26	39.82	37.51	36.15	33.78	32.38	31.78
100	0.17	0.20	0.22	39.31	37.02	35.69	33.25	32.04	31.47
150	0.19	0.24	0.26	42.91	39.18	36.92	30.39	29.40	28.95
200	0.24	0.30	0.34	43.54	37.40	33.69	27.91	26.84	26.22
250	0.24	0.31	0.38	35.32	32.45	29.70	25.94	24.86	24.12
300	0.32	0.42	0.46	30.26	28.88	27.07	24.44	23.42	22.64
350	0.36	0.46	0.53	26.57	25.95	24.93	22.76	22.03	21.35
400	0.44	0.55	0.64	24.41	24.13	23.66	22.08	21.56	21.01
450	0.48	0.60	0.68	23.35	23.30	23.21	21.92	21.63	21.30
500	0.52	0.68	0.78	24.51	24.71	25.05	22.64	22.55	22.45
575	0.66	0.84	0.98	28.99	30.42	31.58	25.99	25.93	25.56
600	0.74	0.93	1.06	28.85	28.74	28.09	25.57	24.86	24.04
650	0.94	1.19	1.40	20.35	19.40	18.54	19.93	19.06	18.31
700	1.36	1.71	1.99	14.00	13.39	12.80	14.71	14.37	14.09
770	2.85	3.57	4.26	8.14	7.63	7.16	12.20	13.12	14.10
810	6.06	7.66	9.28	4.17	3.77	3.44	8.37	8.18	7.75
840	12.33	14.80	17.03	2.01	2.01	1.98	4.22	4.26	4.22
870	21.93	25.04	27.84	1.19	1.35	1.44	2.49	2.70	2.82
900	35.91	37.89	37.87	0.94	1.10	1.21	1.85	2.08	2.24
950	36.04	36.30	36.65	0.76	0.92	1.04	1.39	1.64	1.81
1000	39.69	41.05	42.37	0.65	0.79	0.89	1.17	1.40	1.57
1050	51.55	52.33	51.33	0.57	0.71	0.82	1.04	1.27	1.43
1500	46.70	47.36	48.03	0.29	0.42	0.53	0.51	0.66	0.76
2000	58.02	57.66	57.22	0.20	0.32	0.41	0.27	0.37	0.44
2500	49.34	49.13	48.90	0.21	0.31	0.39	0.21	0.29	0.34
3000	41.61	41.38	41.22	0.18	0.27	0.35	0.16	0.26	0.31
3200	39.24	39.06	38.89	0.19	0.29	0.37	0.15	0.26	0.31
3500	36.15	36.07	35.91	0.17	0.28	0.38	0.13	0.22	0.29
4000	32.41	32.38	32.33	0.16	0.29	0.38	0.10	0.22	0.29
4500	30.28	30.42	30.56	0.12	0.29	0.43	0.11	0.27	0.37
5000	20.33	21.58	22.33	0.44	0.50	0.60	0.32	0.40	0.51
5500	22.36	22.52	22.63	0.23	0.40	0.59	0.15	0.32	0.49
6000	22.26	21.96	21.98	0.37	0.49	0.70	0.24	0.37	0.55
6500	21.45	21.63	21.60	0.28	0.55	0.77	0.17	0.37	0.58
7000	19.97	20.04	20.10	0.23	0.43	0.65	0.18	0.38	0.56
7500	18.87	18.92	18.98	0.23	0.43	0.62	0.21	0.39	0.55
8000	17.97	18.12	18.23	0.32	0.53	0.72	0.22	0.41	0.53
8500	17.05	17.24	17.50	0.34	0.52	0.65	0.25	0.43	0.53
9000	16.34	16.61	16.86	0.36	0.56	0.69	0.31	0.52	0.64
9500	15.88	16.02	16.16	0.41	0.72	0.94	0.34	0.60	0.77
10000	15.62	15.81	16.02	0.67	1.08	1.46	0.63	1.11	1.37
10500	15.69	16.24	16.63	1.42	1.92	2.45	0.63	1.00	1.33
11000	17.14	18.25	19.36	2.39	3.09	3.75	0.84	1.38	1.92
11500	23.23	25.83	28.38	2.93	3.83	4.40	1.93	3.02	4.24
12000	32.16	29.50	27.43	2.35	2.85	3.20	8.66	10.80	10.86
12500	20.85	20.08	19.75	1.97	2.17	2.42	3.04	3.08	3.22
13000	16.32	17.54	19.62	1.79	2.31	2.64	1.74	2.21	2.30