

Coaxial Low Pass Filter (Ultra Reliable)

VLP-24

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
1	0.02	0.04	0.08	48.31	46.06	44.87	48.21	46.06	44.86
50	0.08	0.10	0.13	38.31	36.05	34.86	38.52	36.35	35.26
100	0.10	0.12	0.15	38.54	36.76	35.12	38.67	37.19	36.05
500	0.19	0.25	0.31	31.90	30.00	27.98	36.27	32.94	30.28
1000	0.33	0.43	0.52	20.40	19.87	19.83	20.40	19.96	20.01
1200	0.40	0.51	0.61	17.96	18.04	18.27	17.90	18.03	18.31
1500	0.47	0.60	0.72	17.32	17.72	18.05	17.22	17.61	17.91
2000	0.64	0.82	0.99	18.52	18.71	18.69	18.12	18.16	17.92
2130	0.80	1.01	1.23	15.28	15.10	14.79	14.85	14.60	14.20
2430	2.71	3.21	3.70	5.45	5.16	4.90	5.28	5.02	4.77
2540	4.53	5.16	5.77	3.22	3.10	3.01	3.11	3.02	2.93
2755	9.54	10.29	11.02	1.19	1.28	1.38	1.15	1.24	1.32
2955	14.59	15.32	16.08	0.60	0.77	0.92	0.57	0.72	0.85
3165	19.56	20.26	21.00	0.39	0.57	0.75	0.36	0.53	0.67
3400	24.74	25.43	26.19	0.30	0.47	0.66	0.25	0.44	0.59
3630	29.59	30.30	31.11	0.27	0.44	0.61	0.20	0.40	0.55
3855	34.42	35.23	36.16	0.25	0.42	0.57	0.17	0.37	0.52
4045	38.97	39.93	41.02	0.24	0.40	0.54	0.16	0.36	0.52
4200	43.56	44.81	46.22	0.24	0.40	0.53	0.15	0.35	0.51
4305	47.74	49.45	51.44	0.23	0.39	0.50	0.14	0.34	0.50
4375	51.57	53.90	56.67	0.22	0.38	0.50	0.14	0.34	0.49
4400	53.36	56.12	59.33	0.22	0.38	0.49	0.14	0.34	0.49
4465	59.74	63.45	62.90	0.22	0.37	0.48	0.14	0.34	0.48
4595	57.05	54.68	52.89	0.22	0.37	0.48	0.14	0.34	0.48
4970	44.04	43.66	43.33	0.17	0.34	0.43	0.12	0.32	0.45
5400	39.14	38.99	38.81	0.15	0.32	0.43	0.09	0.28	0.39
6200	33.50	33.41	33.23	0.11	0.30	0.45	0.08	0.27	0.39
7000	28.55	28.60	28.55	0.09	0.31	0.55	0.10	0.34	0.49
7500	25.60	25.63	25.55	0.09	0.36	0.65	0.10	0.38	0.60
8000	22.31	22.26	22.17	0.13	0.41	0.76	0.13	0.41	0.65
8500	17.22	16.64	15.93	0.32	0.66	1.11	0.29	0.71	1.17
8780	10.58	10.65	13.54	1.78	3.00	3.08	2.18	3.97	3.18
9030	16.43	21.18	25.94	1.77	1.17	1.16	0.94	0.97	1.22
9170	26.74	31.56	32.06	0.52	0.68	0.92	0.52	1.01	1.70
9210	29.99	33.16	29.99	0.42	0.63	0.89	0.49	1.19	1.57
9360	28.15	26.10	24.42	0.34	0.61	0.88	0.82	0.85	1.16
9950	20.27	19.15	18.07	0.67	0.98	1.17	0.76	1.18	1.59
10200	14.42	12.41	10.45	0.75	1.42	2.30	1.10	2.17	4.11
10370	8.52	7.36	7.96	2.17	3.62	3.48	4.15	8.43	7.83
10700	10.91	12.50	13.93	0.98	1.05	1.15	1.39	1.29	1.35
11000	15.21	15.57	15.68	0.42	0.77	1.11	0.37	0.68	1.02

REV. X1
VLP-24
071002
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant
P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

