

Coaxial Low Pass Filter (Ultra Reliable)

VLP-54

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	0.08	0.10	34.52	33.14	32.33	6.61	6.60	6.60
100	0.07	0.10	0.12	31.75	30.90	30.20	12.44	12.36	12.36
500	0.17	0.21	0.25	20.29	20.77	21.58	60.04	59.46	59.35
1000	0.24	0.32	0.37	17.49	17.97	18.45	119.95	118.61	118.32
1500	0.25	0.35	0.44	19.34	19.65	19.57	178.70	179.12	178.56
2000	0.25	0.38	0.49	24.47	25.28	25.54	115.13	118.08	118.91
2500	0.30	0.45	0.58	23.12	23.86	24.44	49.03	52.77	53.79
3000	0.36	0.53	0.69	22.51	22.44	21.82	19.34	14.88	13.67
3500	0.39	0.59	0.76	27.95	28.41	29.50	90.39	85.17	83.77
4000	0.45	0.67	0.88	25.71	24.68	23.15	164.03	158.14	156.63
4770	0.66	0.96	1.25	21.34	19.14	17.43	74.46	80.88	82.08
5265	2.26	2.84	3.45	5.98	5.63	5.40	15.10	7.66	6.22
5400	3.32	3.95	4.62	4.09	4.01	3.98	39.60	31.47	29.54
5495	4.23	4.89	5.60	3.11	3.16	3.22	56.06	47.43	45.08
5950	9.30	9.95	10.70	1.03	1.27	1.47	124.50	114.19	109.91
6375	14.13	14.91	15.78	0.52	0.75	0.90	176.69	165.79	161.19
6785	18.83	19.80	20.63	0.33	0.57	0.73	137.74	150.86	157.56
7100	22.84	23.91	24.81	0.24	0.53	0.74	104.78	119.88	128.16
7420	28.22	29.39	30.37	0.18	0.51	0.81	73.95	90.96	99.85
7610	32.56	34.13	35.69	0.16	0.51	0.86	60.28	78.08	87.56
7735	36.55	38.83	41.36	0.16	0.51	0.88	52.79	73.69	88.61
7900	46.09	48.87	47.17	0.15	0.51	0.93	65.13	119.31	166.30
8100	41.47	39.22	37.44	0.15	0.51	0.94	164.15	176.67	168.25
8500	30.79	30.53	30.39	0.17	0.55	1.00	144.02	160.41	166.81
9000	25.65	25.79	25.84	0.17	0.55	1.02	100.47	120.02	129.52
9500	22.25	22.20	22.30	0.33	0.69	1.10	48.22	69.06	76.83
10000	25.91	25.89	25.69	0.30	0.61	0.88	11.35	32.18	43.69
10500	22.15	22.36	22.43	0.18	0.50	0.72	9.98	13.14	23.83
11000	18.96	18.87	18.73	0.15	0.57	0.86	45.78	20.84	8.69
11500	14.07	13.07	13.06	0.43	1.19	2.08	90.88	72.34	72.16
12020	8.16	7.47	8.81	2.54	4.61	4.23	158.71	156.37	165.81
12300	11.04	13.72	15.95	1.34	1.15	1.31	103.65	123.91	134.69
12500	16.67	18.86	20.85	0.34	0.56	0.87	74.49	99.93	112.82
12700	21.19	23.42	25.50	0.13	0.41	0.74	56.31	84.30	99.86
13000	27.86	30.45	33.10	0.01	0.34	0.68	35.64	68.14	88.51
13340	39.26	42.82	41.59	0.02	0.36	0.71	35.91	103.04	162.23
13700	34.35	31.88	29.75	0.10	0.28	0.68	131.83	167.54	174.16
14000	26.71	24.91	23.01	0.01	0.46	0.93	119.84	151.65	165.76
14540	11.91	10.74	12.45	1.45	2.69	2.33	45.39	41.43	30.12
15000	17.34	18.58	19.47	0.16	0.65	1.24	82.26	52.22	40.10

REV. X1
VLP-54
071002
Page 1 of 1



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