

Coaxial Low Pass Filter (Ultra Reliable)

VLP-41

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	0.09	0.11	33.42	32.10	31.27	33.30	31.95	31.15
100	0.09	0.11	0.13	30.34	29.37	28.65	30.35	29.34	28.61
500	0.20	0.25	0.28	18.58	19.02	19.60	18.69	19.12	19.71
1000	0.28	0.36	0.41	16.36	16.88	17.19	16.47	16.95	17.27
1500	0.27	0.37	0.45	20.61	21.13	21.09	20.80	21.26	21.13
2000	0.30	0.43	0.54	24.75	24.69	24.76	26.52	26.00	25.77
2500	0.42	0.57	0.70	18.29	18.78	19.12	18.47	19.02	19.50
3000	0.48	0.65	0.81	22.49	23.26	23.47	22.39	23.68	24.56
3300	0.52	0.72	0.90	33.52	34.20	36.46	37.10	39.68	44.14
3690	0.69	0.94	1.16	22.73	21.46	20.74	20.91	19.71	19.09
4100	1.93	2.44	2.95	7.61	7.16	6.82	7.29	6.75	6.34
4150	2.34	2.90	3.46	6.41	6.06	5.80	6.13	5.71	5.36
4310	4.15	4.85	5.55	3.60	3.50	3.46	3.42	3.29	3.20
4610	8.88	9.74	10.61	1.34	1.44	1.55	1.24	1.35	1.47
4910	14.05	14.86	15.72	0.65	0.82	0.94	0.58	0.77	0.93
5230	19.14	19.87	20.65	0.40	0.59	0.71	0.36	0.56	0.73
5500	23.11	23.83	24.56	0.30	0.49	0.61	0.32	0.50	0.64
5570	24.15	24.84	25.55	0.28	0.47	0.59	0.29	0.47	0.61
5910	29.08	29.77	30.41	0.22	0.41	0.55	0.24	0.42	0.56
6220	33.84	34.67	35.43	0.19	0.40	0.55	0.23	0.40	0.54
6450	38.35	39.41	40.43	0.18	0.39	0.56	0.21	0.39	0.53
6620	42.89	44.33	45.76	0.17	0.38	0.57	0.20	0.39	0.54
6730	47.24	49.23	50.92	0.16	0.37	0.57	0.19	0.39	0.54
6850	54.98	57.12	54.15	0.16	0.38	0.59	0.20	0.40	0.56
7150	45.05	44.66	44.53	0.15	0.38	0.63	0.19	0.39	0.56
7950	34.45	35.20	35.70	0.13	0.39	0.67	0.20	0.41	0.63
9000	30.78	30.46	30.50	0.15	0.42	0.69	0.15	0.42	0.73
10000	27.40	27.15	27.12	0.13	0.40	0.64	0.11	0.51	0.81
11000	23.50	22.37	21.96	0.14	0.42	0.64	2.65	1.46	1.32
11400	18.95	17.74	16.54	0.31	0.72	1.27	0.33	0.70	1.22
11600	14.43	13.98	17.42	1.21	2.43	2.01	0.99	1.93	1.66
11800	18.77	24.81	30.04	1.00	0.76	0.77	0.83	0.68	0.79
12000	32.94	34.68	33.10	0.27	0.46	0.60	0.14	0.39	0.64
12500	26.76	26.37	25.67	0.16	0.43	0.66	0.08	0.38	0.58
13000	25.93	27.69	26.19	1.02	0.68	0.74	0.17	0.45	0.69
14000	32.65	30.51	28.80	0.02	0.37	0.74	0.07	0.38	0.64
15000	23.11	21.54	20.48	0.25	0.63	1.20	0.40	1.07	2.40
15500	17.86	15.95	14.15	0.48	1.14	2.13	0.44	0.85	1.44
16000	7.45	7.50	8.64	8.17	14.75	8.83	2.29	2.93	2.84
17000	16.45	17.91	19.13	0.52	0.93	1.49	0.46	0.82	1.26

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