

# Dual Low Pass Filter

## Typical Performance Data

# DLFCV-1750+

FREQUENCY (MHz)	INSERTION LOSS (dB)		Isolation (between filters) (dB)	RETURN LOSS (dB)	
	Filter1	Filter2		Filter1	Filter2
10	0.11	0.11	90.80	38.74	41.76
50	0.13	0.14	85.17	38.28	39.14
100	0.15	0.16	80.96	37.29	36.79
150	0.18	0.18	75.60	37.27	36.70
250	0.21	0.21	71.78	40.39	39.81
500	0.29	0.29	63.58	30.69	29.38
750	0.39	0.39	58.08	21.55	21.08
1000	0.53	0.52	53.95	17.26	16.97
1250	0.71	0.70	50.23	15.32	14.83
1500	0.95	0.95	46.86	15.29	14.53
1750	1.35	1.32	46.48	19.54	19.04
1800	1.51	1.47	47.19	23.18	23.41
1900	2.23	2.19	48.59	19.17	19.07
1950	3.21	3.19	47.55	11.78	11.48
2000	5.24	5.21	46.08	6.89	6.79
2100	14.17	13.63	46.64	2.52	2.61
2150	20.69	19.75	48.95	1.84	1.91
2200	28.45	27.11	52.04	1.48	1.52
2210	30.19	28.78	52.66	1.43	1.47
2220	32.03	30.53	53.36	1.39	1.41
2250	38.18	36.44	55.68	1.27	1.28
2300	48.42	47.12	59.97	1.12	1.10
2350	47.38	46.10	65.94	1.00	0.96
2400	47.89	46.03	73.73	0.91	0.85
2500	56.71	52.69	65.02	0.76	0.68
2750	51.19	52.23	59.12	0.54	0.40
3000	52.56	52.64	57.76	0.40	0.25
3250	57.63	57.34	57.98	0.30	0.16
3500	61.13	55.50	55.89	0.24	0.11
3750	61.32	64.31	64.41	0.20	0.08
4000	59.63	58.52	60.44	0.17	0.07
4250	56.06	60.70	64.75	0.16	0.07
4500	51.09	55.09	53.17	0.18	0.08
4750	52.67	55.67	55.94	0.18	0.09
5000	48.85	49.66	48.81	0.19	0.08
5250	48.48	51.64	49.73	0.20	0.08
5500	46.75	48.01	47.54	0.19	0.06
5750	44.37	46.75	45.95	0.19	0.04
6000	43.54	44.63	45.05	0.18	0.01
6200	41.99	43.10	44.52	0.15	0.02
6400	40.93	42.17	43.91	0.14	0.04
6600	39.36	40.06	42.49	0.12	0.07
6800	38.04	38.74	41.78	0.10	0.07
7000	37.35	37.19	41.36	0.09	0.08
7200	35.95	35.94	40.39	0.09	0.06
7400	34.57	34.67	38.96	0.11	0.03
7600	33.54	33.41	37.85	0.14	0.03
7800	32.58	32.13	36.97	0.19	0.11
8000	31.66	30.88	34.28	0.25	0.20
8200	32.58	31.75	38.96	0.31	0.23
8400	30.07	30.52	37.99	0.36	0.26
8600	29.71	29.74	37.48	0.39	0.23
8800	29.19	29.49	36.83	0.40	0.19
9000	28.34	29.22	36.96	0.39	0.11
9200	27.94	28.80	36.50	0.35	0.03
9400	27.18	27.66	35.89	0.32	0.04
9600	26.00	26.89	35.27	0.33	0.05
9800	23.89	24.56	31.67	0.59	0.30
9900	23.78	25.02	35.42	1.31	0.78
10000	29.69	31.02	40.63	0.79	0.23

# Dual Low Pass Filter

# DLFCV-1750+

## Typical Performance Data

FREQUENCY (MHz)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE (deg)	GROUP DELAY (ns)	
			Filter1	Filter2
10	0.00	0.04	0.28	0.26
20	0.01	0.01	0.30	0.30
30	0.00	0.00	0.31	0.30
40	0.00	0.00	0.30	0.30
60	0.00	0.04	0.30	0.30
80	0.01	0.05	0.30	0.30
100	0.01	0.07	0.30	0.30
120	0.01	0.10	0.30	0.30
140	0.01	0.13	0.30	0.30
160	0.01	0.16	0.30	0.30
180	0.01	0.18	0.30	0.30
200	0.01	0.21	0.30	0.30
220	0.01	0.22	0.30	0.30
240	0.01	0.24	0.30	0.30
260	0.00	0.26	0.30	0.30
280	0.00	0.28	0.30	0.30
300	0.00	0.29	0.30	0.30
320	0.00	0.32	0.30	0.30
340	0.00	0.33	0.30	0.30
360	0.00	0.35	0.30	0.30
380	0.00	0.36	0.30	0.30
400	0.00	0.38	0.30	0.30
450	0.00	0.41	0.30	0.31
500	0.00	0.45	0.31	0.31
550	0.00	0.50	0.31	0.31
600	0.00	0.53	0.32	0.32
650	0.00	0.57	0.32	0.32
700	0.01	0.61	0.33	0.33
750	0.00	0.65	0.33	0.33
800	0.01	0.70	0.34	0.34
850	0.01	0.73	0.35	0.35
900	0.01	0.77	0.35	0.36
950	0.01	0.82	0.36	0.36
1000	0.01	0.85	0.37	0.37
1050	0.01	0.90	0.38	0.38
1100	0.01	0.94	0.39	0.40
1150	0.01	0.98	0.41	0.41
1200	0.01	1.03	0.42	0.42
1250	0.01	1.08	0.44	0.44
1300	0.00	1.14	0.46	0.46
1350	0.00	1.20	0.48	0.48
1400	0.00	1.27	0.50	0.50
1450	0.00	1.35	0.53	0.54
1500	0.00	1.43	0.56	0.57
1550	0.00	1.55	0.60	0.61
1600	0.00	1.67	0.65	0.66
1650	0.01	1.81	0.71	0.71
1700	0.01	1.96	0.78	0.79
1710	0.01	2.00	0.79	0.80
1720	0.02	2.03	0.81	0.82
1740	0.02	2.10	0.85	0.86
1750	0.03	2.13	0.87	0.88