

# Dual Low Pass Filter

## Typical Performance Data

# DLFCV-1600+

FREQUENCY (MHz)	INSERTION LOSS (dB)		Isolation (between filters) (dB)	RETURN LOSS (dB)	
	Filter1	Filter2		Filter1	Filter2
10	0.11	0.11	94.56	39.26	42.21
50	0.13	0.13	80.77	38.35	39.63
100	0.16	0.15	80.20	36.92	37.90
150	0.18	0.17	76.32	36.95	38.30
250	0.21	0.20	72.02	40.46	43.15
500	0.29	0.28	63.90	33.41	30.81
750	0.38	0.38	58.50	22.88	21.76
1000	0.51	0.52	54.46	17.85	17.26
1250	0.70	0.71	50.55	15.68	15.06
1500	0.95	0.98	47.35	17.22	15.67
1600	1.12	1.13	47.05	20.59	17.73
1800	2.40	2.24	49.27	14.21	15.85
1850	3.66	3.35	49.31	9.24	10.13
1900	6.09	5.53	49.08	5.77	6.23
2000	15.61	14.23	49.49	2.65	2.66
2035	20.36	18.60	50.15	2.24	2.20
2095	30.76	27.98	52.51	1.81	1.74
2100	31.81	28.91	52.85	1.78	1.71
2150	41.86	39.88	55.64	1.55	1.48
2200	40.13	41.07	59.38	1.36	1.30
2250	39.76	39.46	63.82	1.20	1.15
2300	41.50	40.44	70.50	1.06	1.02
2350	44.81	42.99	76.22	0.94	0.91
2400	49.99	47.01	68.27	0.84	0.82
2500	57.64	59.97	61.77	0.68	0.66
2750	49.19	50.33	57.80	0.43	0.40
3000	52.60	52.86	55.73	0.29	0.25
3250	62.95	62.49	59.90	0.22	0.17
3500	60.50	63.73	61.19	0.17	0.12
3750	57.56	62.30	66.10	0.15	0.08
4000	60.95	60.23	62.44	0.13	0.07
4250	56.73	57.46	57.16	0.10	0.04
4500	56.81	59.33	62.96	0.06	0.01
4900	52.49	54.64	53.28	0.01	0.04
5000	51.93	53.36	54.14	0.04	0.07
5250	48.55	51.52	49.81	0.10	0.10
5500	47.48	49.36	47.87	0.18	0.14
5750	45.42	47.79	47.47	0.24	0.19
6000	42.85	45.63	46.34	0.31	0.22
6200	42.25	44.43	45.67	0.33	0.23
6400	40.37	42.58	44.13	0.32	0.23
6600	39.21	41.25	43.38	0.29	0.23
6800	38.15	39.46	42.99	0.22	0.20
7000	36.93	38.27	42.08	0.14	0.16
7200	35.85	37.22	40.87	0.04	0.13
7400	34.67	35.93	39.88	0.04	0.08
7600	33.74	34.59	38.88	0.07	0.06
7800	33.58	34.62	38.18	0.05	0.03
8000	31.26	34.21	40.75	0.07	0.10
8200	30.33	33.01	39.91	0.25	0.18
8400	30.05	32.14	39.12	0.42	0.30
8600	28.72	30.73	38.64	0.51	0.48
8800	28.39	30.34	38.06	0.50	0.65
9000	27.80	29.48	36.26	0.39	0.80
9200	27.03	28.13	35.78	0.26	0.89
9400	26.41	27.14	35.64	0.11	0.90
9600	24.87	25.36	33.18	0.42	0.51
9800	31.16	29.62	37.78	0.37	0.00
9900	30.10	30.53	39.55	0.14	0.53
10000	29.35	30.41	38.96	0.04	0.60

# Dual Low Pass Filter

# DLFCV-1600+

## Typical Performance Data

FREQUENCY (MHz)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE (deg)	GROUP DELAY (ns)	
			Filter1	Filter2
10	0.00	0.00	0.27	0.28
20	0.01	0.05	0.31	0.31
30	0.00	0.05	0.31	0.31
40	0.00	0.05	0.31	0.31
60	0.00	0.09	0.31	0.31
80	0.00	0.10	0.31	0.31
100	0.01	0.10	0.31	0.30
120	0.01	0.12	0.30	0.30
140	0.01	0.13	0.30	0.30
160	0.01	0.14	0.30	0.30
180	0.01	0.15	0.30	0.30
200	0.01	0.16	0.30	0.30
220	0.01	0.16	0.30	0.30
240	0.01	0.17	0.30	0.30
260	0.01	0.17	0.30	0.30
280	0.01	0.18	0.30	0.30
300	0.01	0.20	0.31	0.30
320	0.01	0.20	0.31	0.30
340	0.01	0.22	0.31	0.31
360	0.01	0.22	0.31	0.31
380	0.01	0.24	0.31	0.31
400	0.01	0.25	0.31	0.31
450	0.01	0.28	0.31	0.31
500	0.01	0.30	0.32	0.32
550	0.01	0.35	0.32	0.32
600	0.01	0.37	0.33	0.32
650	0.00	0.41	0.33	0.33
700	0.00	0.46	0.34	0.34
750	0.00	0.50	0.35	0.34
800	0.00	0.56	0.35	0.35
850	0.00	0.61	0.36	0.36
900	0.01	0.67	0.37	0.37
950	0.01	0.74	0.38	0.38
1000	0.01	0.80	0.39	0.39
1050	0.01	0.88	0.41	0.40
1100	0.01	0.96	0.42	0.42
1150	0.01	1.02	0.44	0.43
1200	0.01	1.10	0.45	0.45
1250	0.01	1.20	0.47	0.47
1300	0.02	1.30	0.50	0.49
1350	0.02	1.42	0.53	0.52
1400	0.02	1.57	0.56	0.55
1420	0.02	1.65	0.58	0.57
1440	0.02	1.73	0.59	0.58
1460	0.02	1.80	0.61	0.60
1480	0.03	1.89	0.63	0.62
1500	0.03	1.99	0.65	0.64
1520	0.02	2.09	0.67	0.66
1540	0.02	2.22	0.70	0.68
1560	0.02	2.32	0.72	0.71
1580	0.02	2.45	0.75	0.73
1600	0.02	2.61	0.79	0.76