

# Low Pass Filter

# LPFD-3040+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS		RETURN LOSS		Cross Over Isolation between F1 & F2 (dB)	FREQUENCY (MHz)	GROUP DELAY	
	Filter 1 (dB)	Filter 2 (dB)	Filter 1 (dB)	Filter 2 (dB)			Filter 1 (nsec)	Filter 2 (nsec)
0.5	0.71	0.63	21.67	22.54	80.24	1.0	14.71	12.17
10.0	0.75	0.67	19.88	19.99	73.62	2.0	13.93	11.46
30.0	1.07	0.81	23.26	35.64	63.30	5.0	14.00	11.53
40.0	2.57	1.09	8.77	26.26	57.61	7.0	14.05	11.53
45.0	6.32	1.65	3.19	12.68	57.41	9.0	14.11	11.53
49.0	10.44	2.98	1.68	6.81	58.93	10.0	14.19	11.54
55.0	16.57	7.00	0.92	2.67	62.72	12.0	14.38	11.67
60.0	21.14	11.21	0.68	1.46	65.96	14.0	14.60	11.80
70.0	29.00	19.20	0.47	0.74	70.46	18.0	15.16	12.10
85.0	38.54	28.96	0.33	0.46	73.12	20.0	15.47	12.29
100.0	46.46	36.77	0.25	0.34	73.34	22.0	15.81	12.48
110.0	51.21	41.25	0.22	0.29	73.38	26.0	16.61	12.95
130.0	59.96	48.97	0.18	0.23	73.52	28.0	17.17	13.23
300.0	79.56	92.38	0.10	0.09	70.87	30.0	18.01	13.53
500.0	77.31	84.66	0.12	0.09	70.89	32.0	19.19	13.89
1000.0	70.18	81.14	0.21	0.18	64.31	34.0	20.85	14.38
1500.0	65.33	70.79	0.26	0.25	49.52	38.0	24.94	15.78
2000.0	57.08	58.56	0.26	0.29	42.45	40.0	26.03	16.83