

# Ceramic Low Pass Filter

# LFCG-42+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	VSWR (:1)
10.0	0.21	1.01
20.0	0.13	1.02
50.0	0.15	1.05
100.0	0.21	1.14
150.0	0.26	1.18
200.0	0.31	1.15
250.0	0.35	1.07
300.0	0.42	1.10
350.0	0.56	1.29
400.0	0.75	1.39
435.0	0.89	1.25
475.0	1.68	1.64
500.0	3.86	3.45
550.0	13.88	17.81
600.0	29.84	42.25
625.0	43.44	53.03
650.0	34.41	60.85
700.0	30.44	76.99
750.0	30.69	88.68
800.0	32.18	97.11
850.0	34.35	108.28
900.0	37.03	111.46
950.0	40.28	122.12
1000.0	44.53	115.78
1050.0	50.84	128.33
1100.0	63.92	126.75
1200.0	49.53	134.72
1300.0	45.06	137.09
1400.0	43.26	133.62
1500.0	42.44	131.39
1600.0	42.23	138.47
1700.0	42.29	141.35
1800.0	42.58	149.10
1900.0	43.11	148.90
2000.0	43.76	151.39
2100.0	44.64	147.94
2200.0	45.70	144.76
2300.0	46.87	156.65
2400.0	48.24	157.93
2500.0	49.97	168.55
2600.0	52.10	165.61
2700.0	55.08	158.07
2800.0	59.65	161.07
2900.0	69.35	150.79
3000.0	67.77	158.80
3100.0	59.47	159.65
3200.0	55.25	160.69
3300.0	52.18	162.17
3400.0	50.09	149.27
3500.0	48.32	153.93
4000.0	42.79	142.86
4500.0	39.50	119.29
5000.0	37.13	98.40
5500.0	34.98	98.07
6000.0	33.51	88.66



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site [www.minicircuits.com](http://www.minicircuits.com)



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IF/RF MICROWAVE COMPONENTS

REV. OR  
LFCG-42+  
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