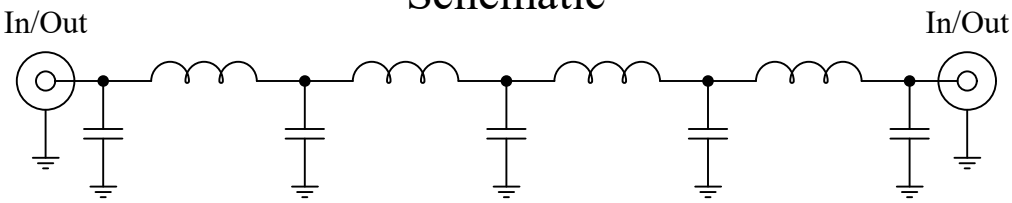
CRYSTEK MICROWAVE
A Division of Crystek Corporation

Low Pass Filter
CLPFL-0050-BNC
50Ω BNC
9th Order
Low Pass Range
DC to 50 MHz



Schematic

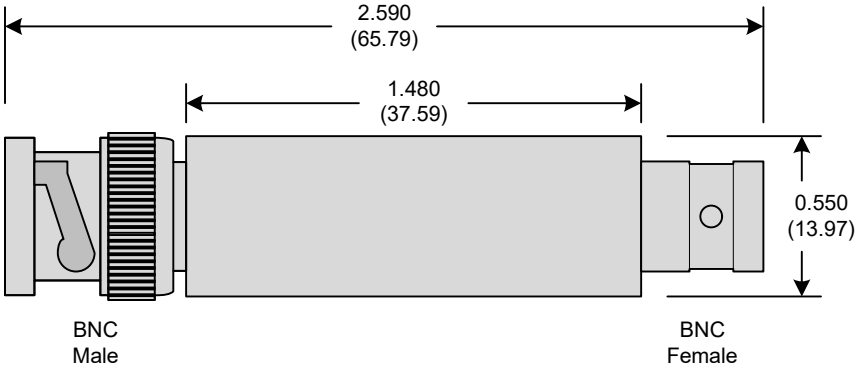


Features:

- 9th Order Chebyshev Response
- 50Ω BNC Connectors

Applications:

- Test Equipment
- Lab Use



Maximum Ratings:

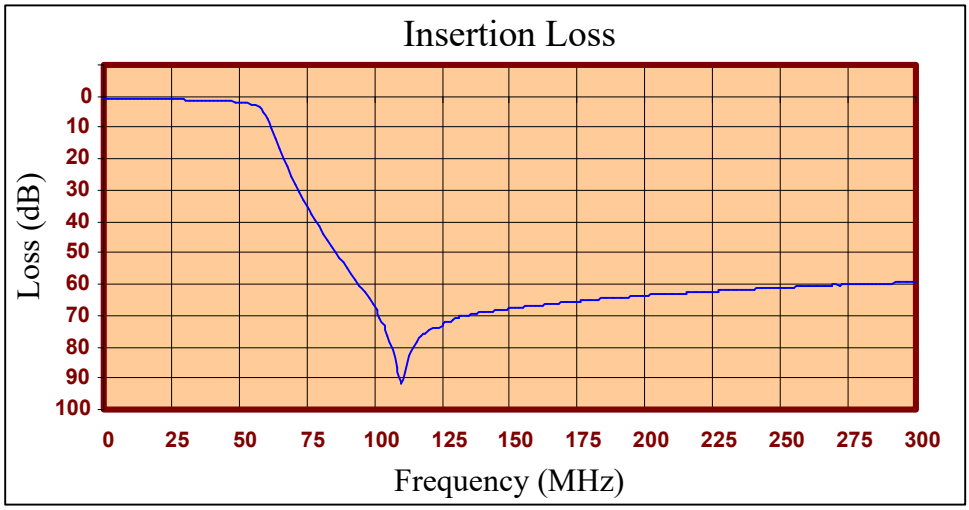
- +36dBm (4 Watts)
- Operating Temperature: -40°C to 85°C
- Storage Temperature: -55°C to 100°C
- 50 VDC

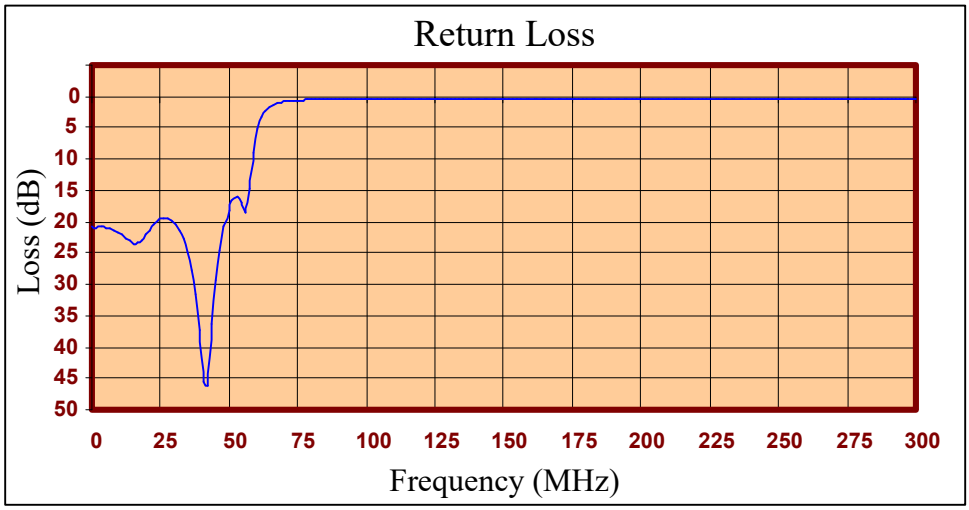
Crystek's new line of BNC Low Pass Filters are designed in a rugged BNC housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.

Product Control:			
Crystek Part Number:	CLPFL-0050-BNC	Release Date:	20-Apr-2026
Revision Level:	E	Responsible:	K. Piotrowicz

CRYSTEK CORPORATION
16850 Oriole Road • Fort Myers, Florida 33912
Phone: 239-561-3311 • 800-237-3061
www.crystek.com

Low Pass Filter
CLPFL-0050-BNC





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Low Pass Filter
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FREQ (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)
0.300	0.76	20.88
1.800	0.79	20.91
3.300	0.79	20.90
4.800	0.79	20.91
6.290	0.79	21.02
7.790	0.80	21.24
9.290	0.82	21.59
10.800	0.84	22.05
12.300	0.86	22.61
13.800	0.88	23.14
15.300	0.89	23.46
16.800	0.91	23.42
18.300	0.93	22.92
19.800	0.95	22.13
21.300	0.98	21.25
22.800	1.01	20.47
24.300	1.04	19.88
25.800	1.07	19.53
27.300	1.10	19.46
28.800	1.13	19.71
30.300	1.15	20.30
31.800	1.18	21.30
33.300	1.21	22.78
36.300	1.28	27.73
37.800	1.32	31.68
39.300	1.37	37.24
42.300	1.49	46.24
49.800	2.02	18.26
60.200	7.29	5.27
81.200	43.79	0.50
110.000	91.57	0.37
120.000	74.48	0.37
135.000	69.94	0.37
168.000	66.10	0.39
195.000	64.01	0.40
225.000	62.25	0.39
273.000	60.20	0.39
300.000	59.34	0.41

Product Control:

Crystek Part Number:	CLPFL-0050-BNC	Release Date:	20-Apr-2026
Revision Level:	E	Responsible:	K. Piotrowicz

Crystek Corporation reserves the right to make changes to its products and/or information contained herein without notice. No liability is assumed as a result of its use or application.

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