

CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Low Pass Filter
50 Ω BNC
9th Order

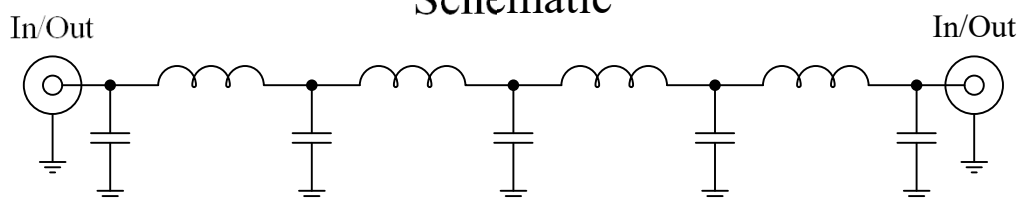


Part Number: CLPFL-0090-BNC

Low Pass Range
DC to 90 MHz



Schematic



Features:

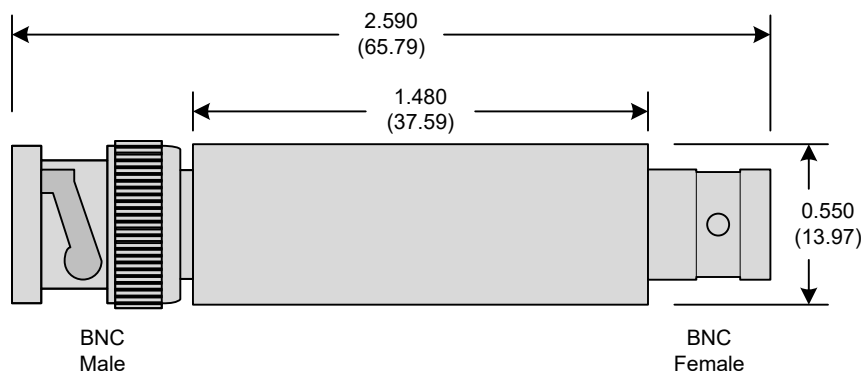
- 9th Order Chebyshev Response
- 50 Ω BNC Connectors

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.

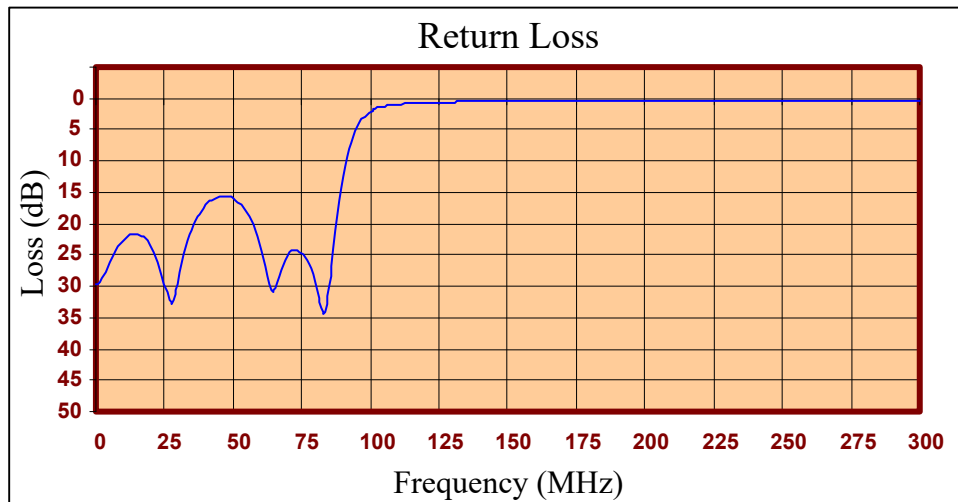
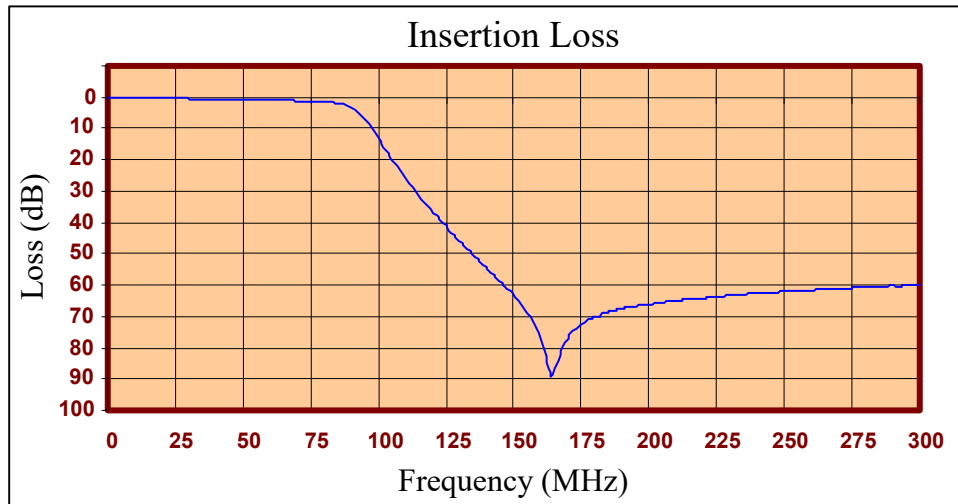
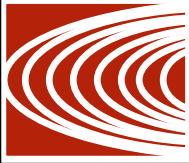
Rev D

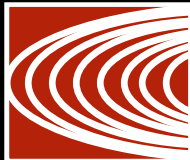
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CRYSTEK
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FREQ (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)
0.300	0.22	29.62
1.800	0.24	29.18
3.300	0.23	27.72
6.290	0.23	24.80
9.290	0.26	22.85
12.300	0.30	21.84
16.800	0.36	21.97
19.800	0.39	23.29
22.800	0.42	26.06
25.800	0.45	30.97
30.300	0.50	27.81
33.300	0.55	22.72
36.300	0.61	19.52
39.300	0.68	17.47
49.800	0.87	15.95
60.200	0.97	24.16
67.700	1.12	27.34
76.700	1.41	25.71
81.200	1.64	31.80
82.700	1.74	34.49
84.200	1.86	32.75
85.700	2.03	26.72
87.200	2.27	21.11
88.700	2.61	16.43
90.200	3.14	12.56
91.700	3.92	9.42
93.200	5.02	6.97
94.700	6.45	5.16
105.000	20.10	1.27
110.000	25.64	0.96
120.000	36.88	0.68
135.000	50.34	0.54
140.000	54.18	0.53
164.000	89.22	0.49
195.000	66.87	0.47
225.000	63.67	0.45
273.000	60.96	0.43
300.000	59.93	0.43

Product Control:

Crystek Part Number:	CLPFL-0090-BNC	Release Date:	25-Jul-2017
Revision Level:	D	Responsible:	K. Piotrowicz

Rev D

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Mouser Electronics

Authorized Distributor

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