



CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

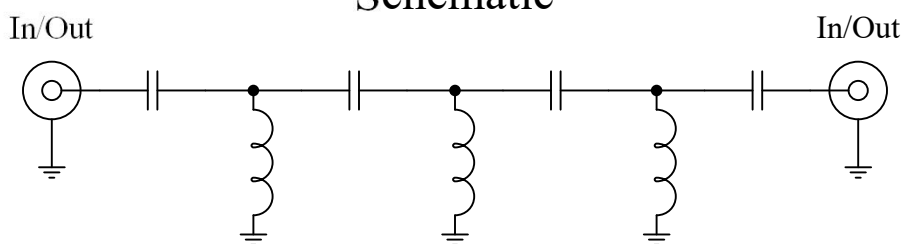
High Pass Filter
50 Ω BNC
45 MHz 7th Order



Part Number: CHPFL-0045-BNC



Schematic



Features:

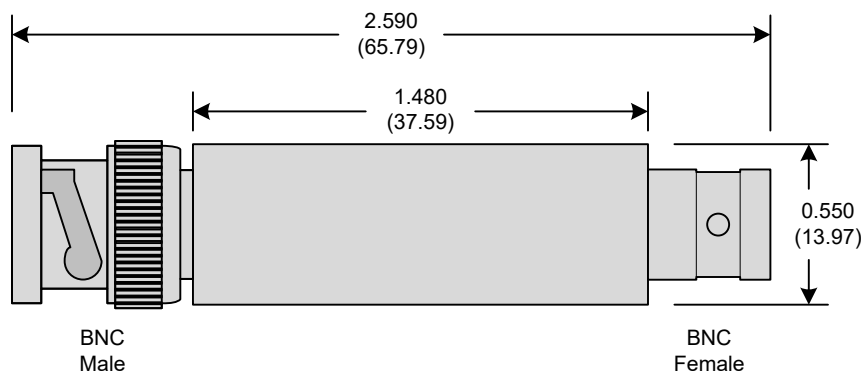
- 7th Order Chebyshev Response
- 50 Ω BNC Connectors

Applications:

- Test Equipment
- Lab Use

Maximum Ratings:

- +36dBm (4 Watts)
- Operating Temperature: -40°C to 85°C
- Storage Temperature: -45°C to 90°C
- 50 VDC



Crystek's new line of BNC High 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.

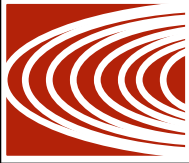
Rev B

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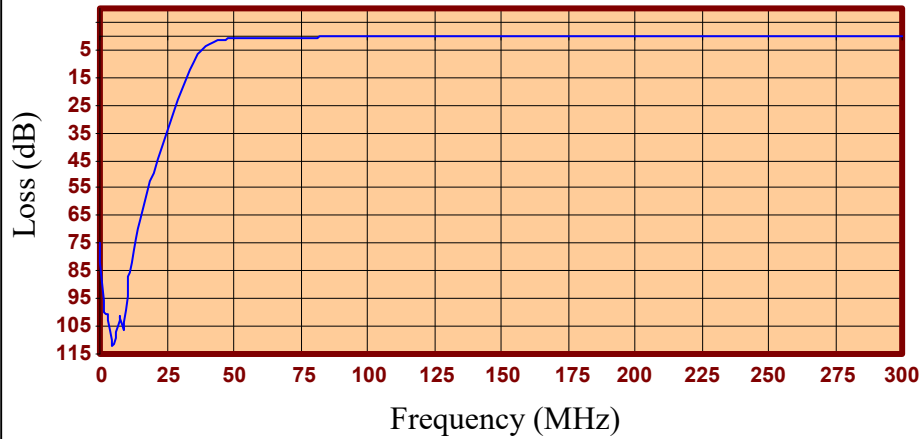


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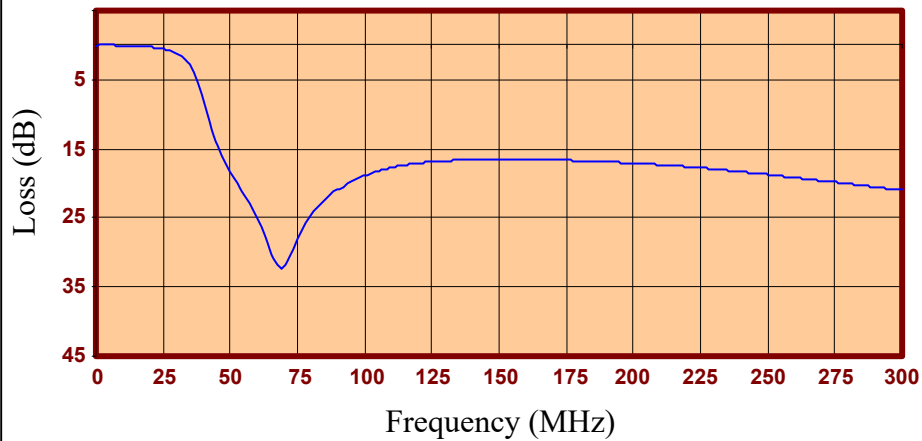
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Insertion Loss



Return Loss





FREQ (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)
0.300	74.72	0.05
1.799	100.11	0.02
3.297	100.34	0.01
4.796	112.09	0.01
6.294	109.07	0.02
7.793	101.67	0.03
9.291	106.44	0.04
10.790	89.65	0.06
12.288	81.67	0.08
13.787	73.61	0.11
15.285	67.14	0.14
16.784	61.01	0.18
18.282	55.27	0.23
19.781	49.92	0.28
21.279	44.91	0.35
22.778	40.15	0.43
24.276	35.63	0.53
25.775	31.31	0.65
27.273	27.16	0.80
28.772	23.17	0.99
30.270	19.36	1.24
31.769	15.75	1.59
33.267	12.39	2.08
36.264	6.88	3.90
37.763	4.93	5.37
39.261	3.55	7.19
42.258	2.06	11.19
43.757	1.69	13.03
57.243	0.73	22.91
69.231	0.51	32.25
78.222	0.43	25.89
105.195	0.35	18.19
120.180	0.32	17.09
168.132	0.27	16.60
195.105	0.24	17.00
225.075	0.20	17.79
273.027	0.16	19.78
300.000	0.15	20.99

Product Control:

Crystek Part Number:	CHPFL-0045-BNC	Release Date:	25-Jul-2017
Revision Level:	B	Responsible:	K. Piotrowicz

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