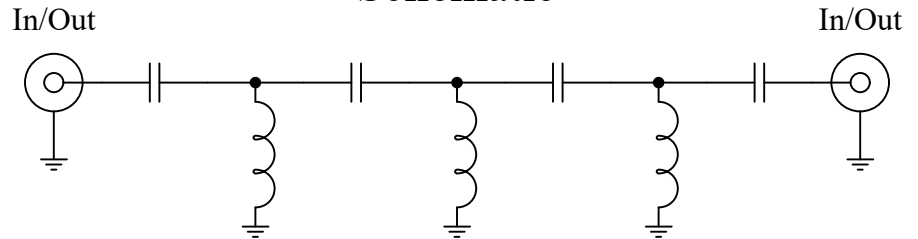


High Pass Filter  
50Ω BNC  
45 MHz 7<sup>th</sup> Order

Part Number: CHPFL-0045-BNC



Schematic



Features:

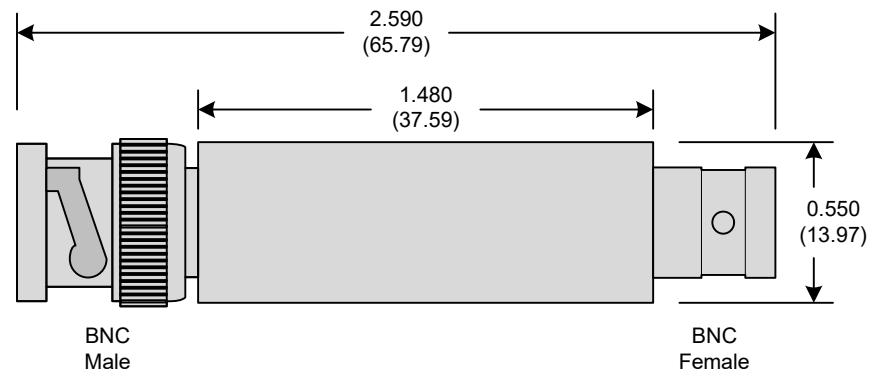
- 7<sup>th</sup> Order Chebyshev Response
- 50Ω BNC Connectors

Applications:

- Test Equipment
- Lab Use

Maximum Ratings:

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



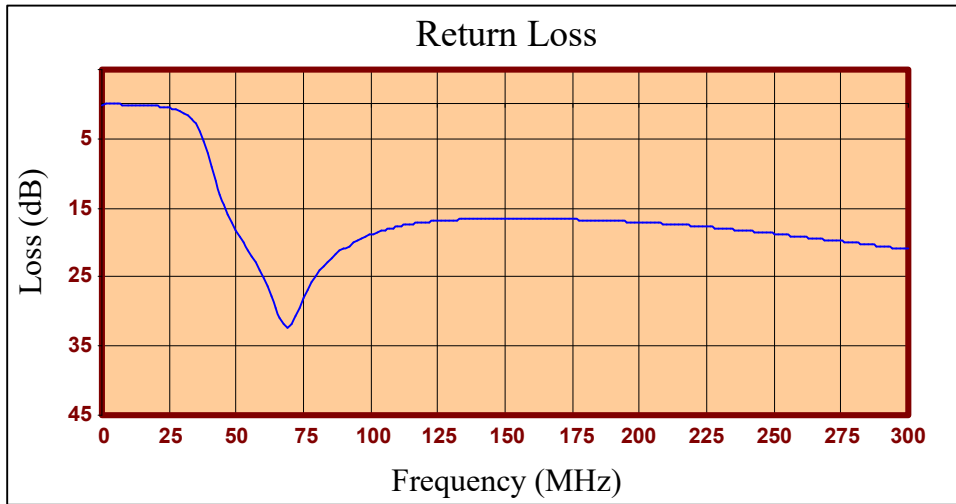
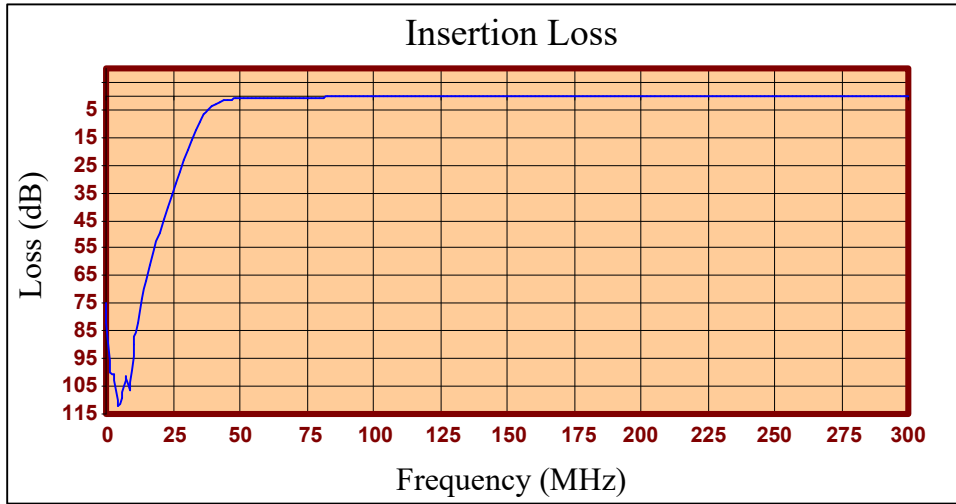
Crystek's new line of BNC High Pass Filters are designed in a rugged BNC housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.

**Product Control:**

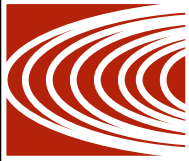
Crystek Part Number:	CHPFL-0045-BNC	Release Date:	16-Apr-2026
Revision Level:	C	Responsible:	K. Piotrowicz



High Pass Filter  
 50Ω BNC  
 45 MHz 7<sup>th</sup> Order



<b>Product Control:</b>			
Crystek Part Number:	CHPFL-0045-BNC	Release Date:	16-Apr-2026
Revision Level:	C	Responsible:	K. Piotrowicz



High Pass Filter  
 50Ω BNC  
 45 MHz 7<sup>th</sup> Order

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:	16-Apr-2026
Revision Level:	C	Responsible:	K. Piotrowicz

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