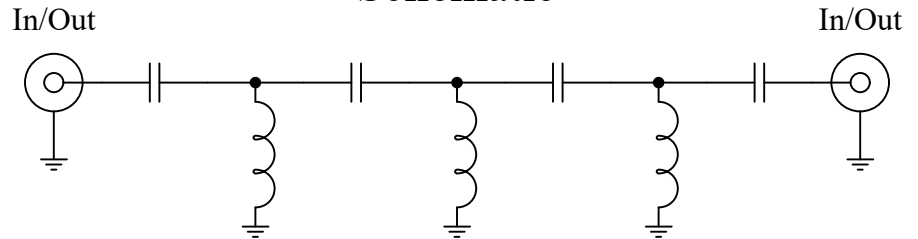


High Pass Filter
50Ω BNC
50 MHz 7th Order

Part Number: CHPFL-0050-BNC



Schematic



Features:

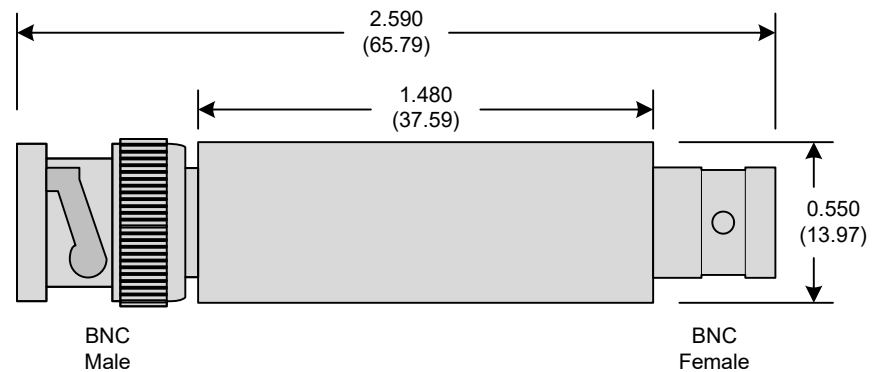
- 7th Order Chebyshev Response
- 50Ω BNC Connectors

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



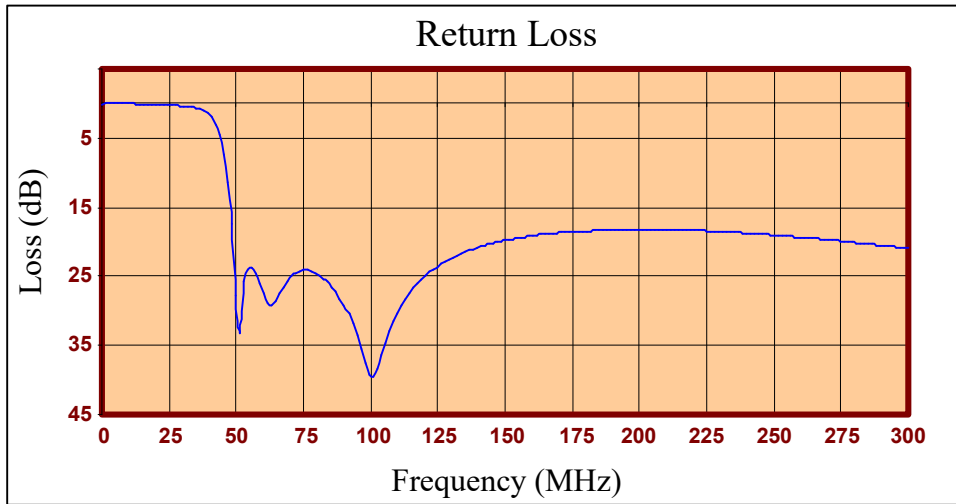
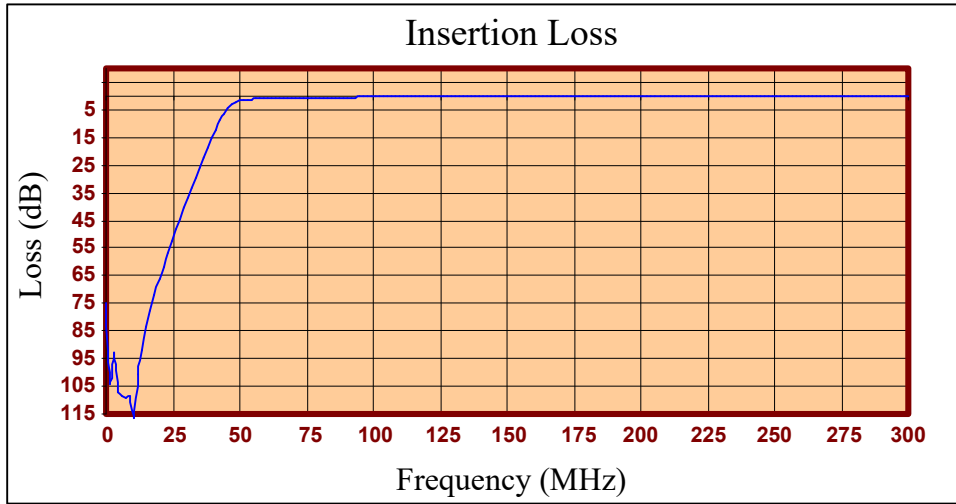
Crystek's new line of BNC High Pass Filters are designed in a rugged BNC housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.

Product Control:

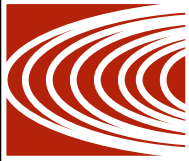
Crystek Part Number:	CHPFL-0050-BNC	Release Date:	16-Apr-2026
Revision Level:	C	Responsible:	K. Piotrowicz



High Pass Filter
 50Ω BNC
 50 MHz 7th Order



Product Control:			
Crystek Part Number:	CHPFL-0050-BNC	Release Date:	16-Apr-2026
Revision Level:	C	Responsible:	K. Piotrowicz



High Pass Filter
 50Ω BNC
 50 MHz 7th Order

FREQ (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)
0.300	74.43	0.04
1.799	103.96	0.01
3.297	92.76	0.00
4.796	106.98	0.00
6.294	108.49	0.01
7.793	108.95	0.01
9.291	108.49	0.02
10.790	116.15	0.02
12.288	100.72	0.03
13.787	92.24	0.05
15.285	83.39	0.06
16.784	77.57	0.07
18.282	71.86	0.09
21.279	61.63	0.14
22.778	57.02	0.17
24.276	52.62	0.20
25.775	48.42	0.24
27.273	44.40	0.29
28.772	40.50	0.34
30.270	36.71	0.41
31.769	33.01	0.48
33.267	29.38	0.58
36.264	22.28	0.87
37.763	18.79	1.10
39.261	15.35	1.45
42.258	8.91	2.96
43.757	6.23	4.60
57.243	1.05	24.62
63.237	0.83	29.25
78.222	0.56	24.29
100.700	0.37	39.49
105.195	0.35	34.52
120.180	0.30	24.94
135.165	0.28	21.49
168.132	0.26	18.81
225.075	0.22	18.43
273.027	0.18	19.85
300.000	0.17	20.92

Product Control:

Crystek Part Number:	CHPFL-0050-BNC	Release Date:	16-Apr-2026
Revision Level:	C	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.

