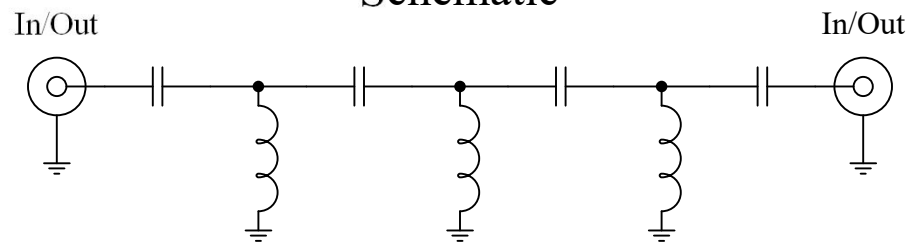




### Schematic



### Features:

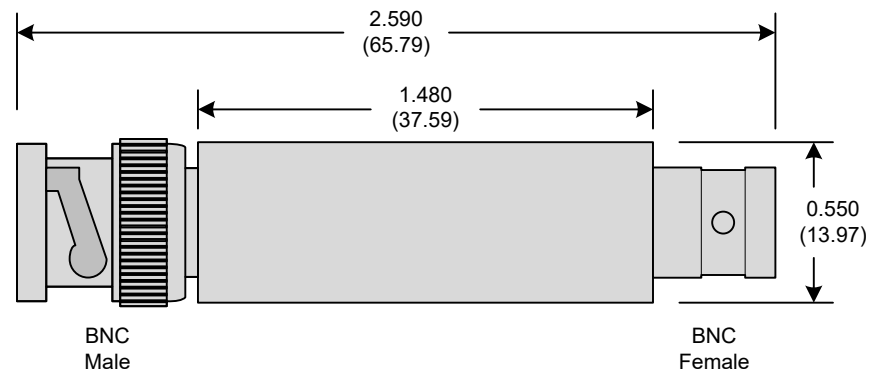
- 7<sup>th</sup> Order Chebyshev Response
- 50Ω BNC Connectors

### 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

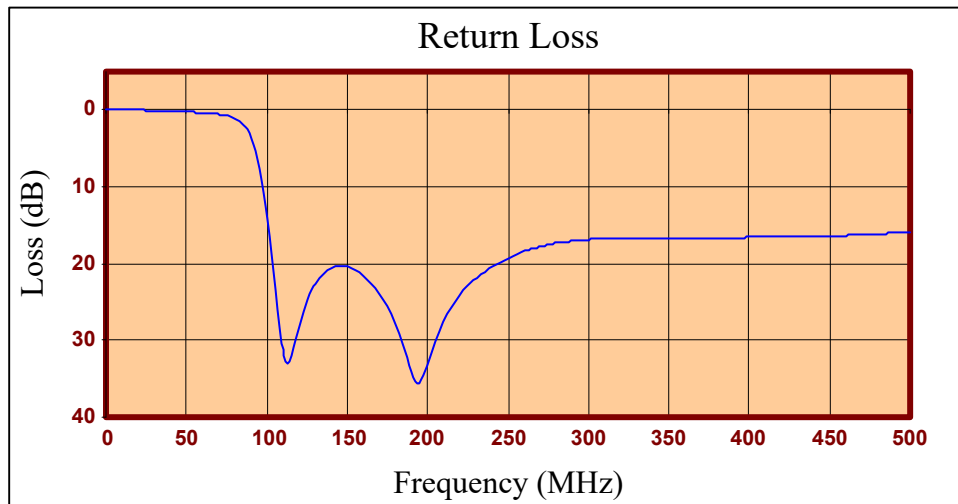
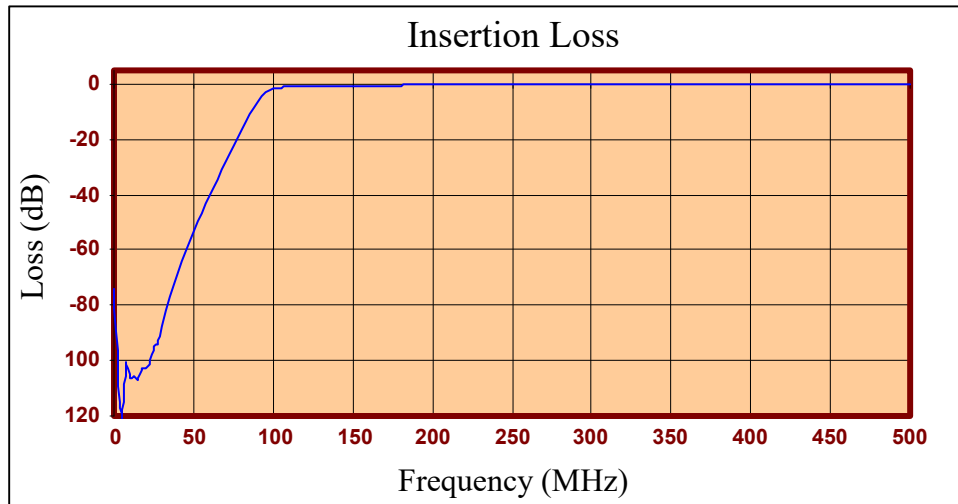


Crystek's new line of BNC High Pass Filters are designed in a rugged BNC housing. This filter line has excellent out-of-band rejection.

Designed for Test Equipment and General Lab Use.

Rev B

Page 1 of 3





FREQ (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)
0.300	73.85	0.03
2.799	102.62	0.00
5.297	120.51	0.00
7.796	101.07	0.00
10.294	106.67	0.00
12.793	105.75	0.01
15.291	107.04	0.01
20.288	102.99	0.03
22.787	101.39	0.04
25.285	94.70	0.05
30.282	87.39	0.07
32.781	81.82	0.08
35.279	76.94	0.10
40.276	68.48	0.14
42.775	64.32	0.16
45.273	60.57	0.18
50.270	53.35	0.24
52.769	49.93	0.27
55.267	46.66	0.30
60.264	40.27	0.38
65.261	34.17	0.48
70.258	28.24	0.62
72.757	25.31	0.70
95.243	3.14	7.76
100.240	1.73	14.52
105.237	1.22	23.48
112.733	0.94	33.04
130.222	0.68	22.60
145.213	0.58	20.29
175.195	0.42	25.64
195.183	0.36	35.53
207.676	0.34	28.81
225.165	0.33	22.95
280.132	0.33	17.37
325.105	0.32	16.65
375.075	0.32	16.63
455.027	0.32	16.39
500.000	0.36	15.90

**Product Control:**

Crystek Part Number:	CHPFL-0100-BNC	Release Date:	25-Jul-2017
Revision Level:	B	Responsible:	K. Piotrowicz

Rev B
Page 3 of 3

