

KR Electronics, Inc.

General Description

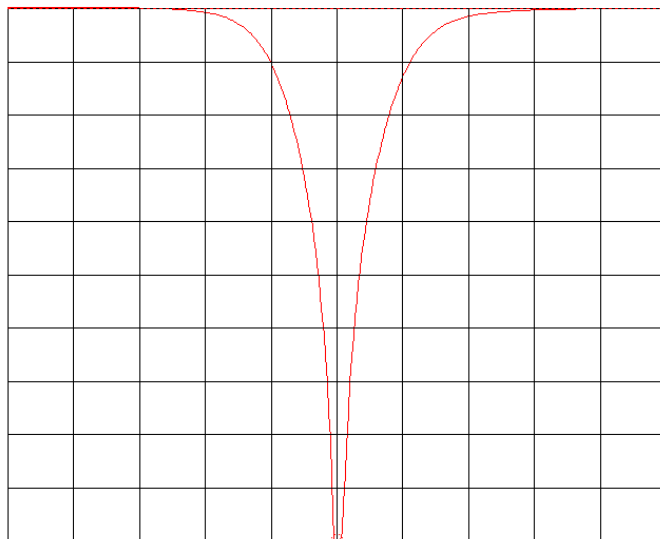
KR 2355-50-BNC is a 50 Hz active notch filters. Other notch frequencies can be specified. Contact factory for details.

Features

- 50 Hz Active notch filter
- 3 dB BW 7 Hz maximum
- No adjustments necessary

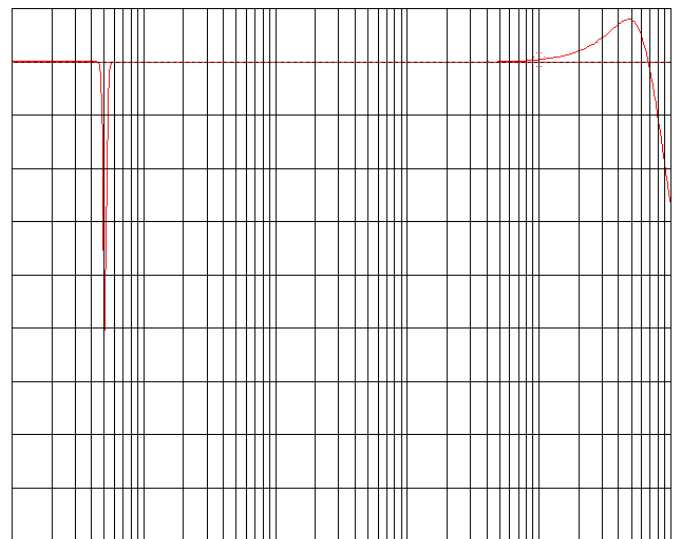
Typical Performance

REF LEVEL /DIV MARKER 50.000Hz
0.000dB 5.000dB MAG(UDF) -52.347dB



CENTER 50.000Hz SPAN 20.000Hz
AMPTD -5.0dBm

REF LEVEL /DIV MARKER 100 000.000Hz
0.000dB 5.000dB MAG(UDF) 0.215dB



10 100 1K 10K 100K 1M
START 10.000Hz STOP 1 000 000.000Hz

KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

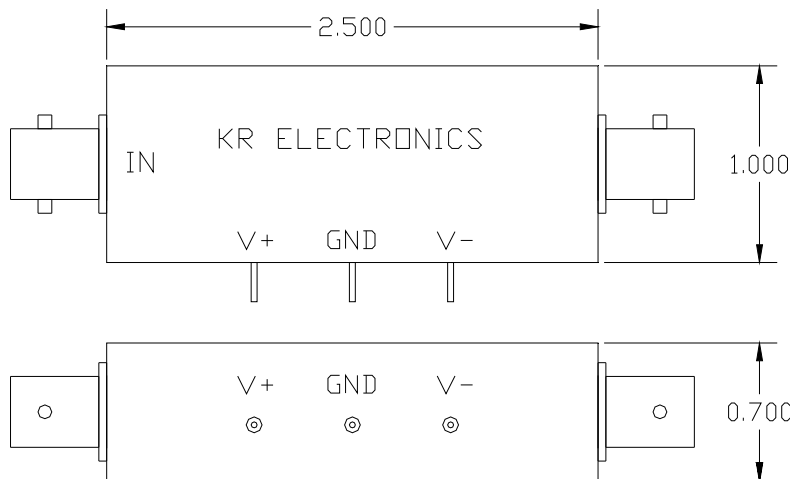
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

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Specifications

Parameter	Specification	
Filter type	Notch	
Notch Frequency (Fo)	50 Hz	
Max 3 dB Bandwidth	7 Hz	Upper passband limit to approx. 100 KHz
Attenuation at Fo	> 40 dB (typically >60 dB)	
Gain	0 dB ± 0.2 dB	
Max Input Voltage	± 8 V	
Supply Voltage	± 15 Vdc max	
Supply Current	26 mA max (17.5 mA typ)	
Operating Temperature	0° C to 50° C	

Physical Dimensions



All Dimensions in inches

BNC(f) Connectors In/Out

Connect GND to both signal ground and common of voltage supply

Power supply internally decoupled with 0.1 uF ceramic capacitors

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