

# KR Electronics, Inc.

## General Description

KR Electronics part number 3031 is a 727 KHz bandpass filter. Other center frequencies and are bandwidths available. Please consult the factory.

### Features

- 727 KHz Bandpass
- 80 KHz Min 3 dB Passband
- High Stopband Attenuation
- 50  $\Omega$  Source and Load
- BNC(f) Connectors

## Typical Performance

### Overall Response (10 dB/div)

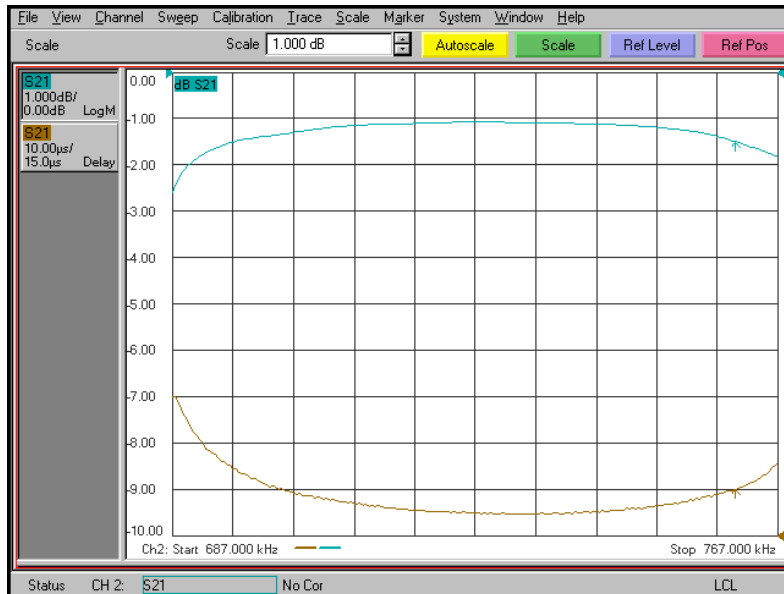


KR Electronics, Inc.  
91 Avenel Street  
Avenel, NJ 07001

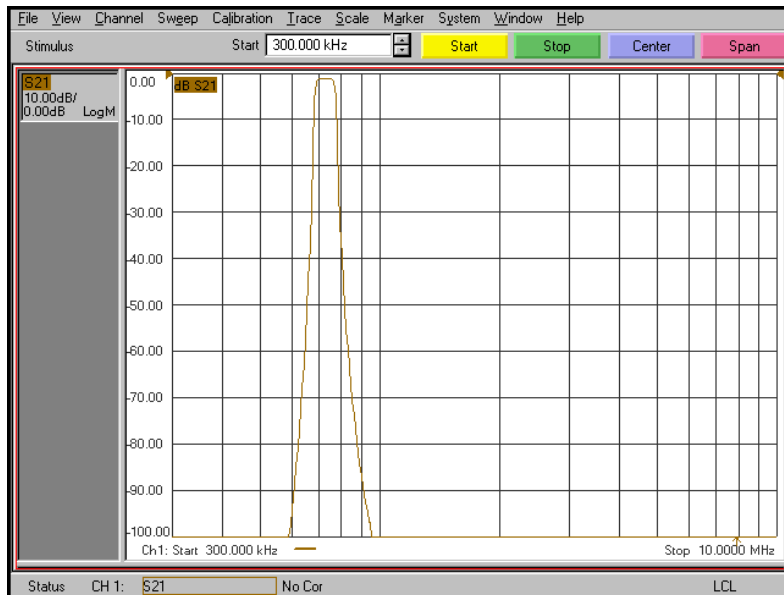
Web [www.krfilters.com](http://www.krfilters.com)  
Email [sales@krfilters.com](mailto:sales@krfilters.com)  
Phone (732) 636-1900  
Fax (732) 636-1982

## Typical Performance

### Passband Amplitude & Group Delay (1 dB/div & 15 usec/div)



### Overall Response (10 dB/div)



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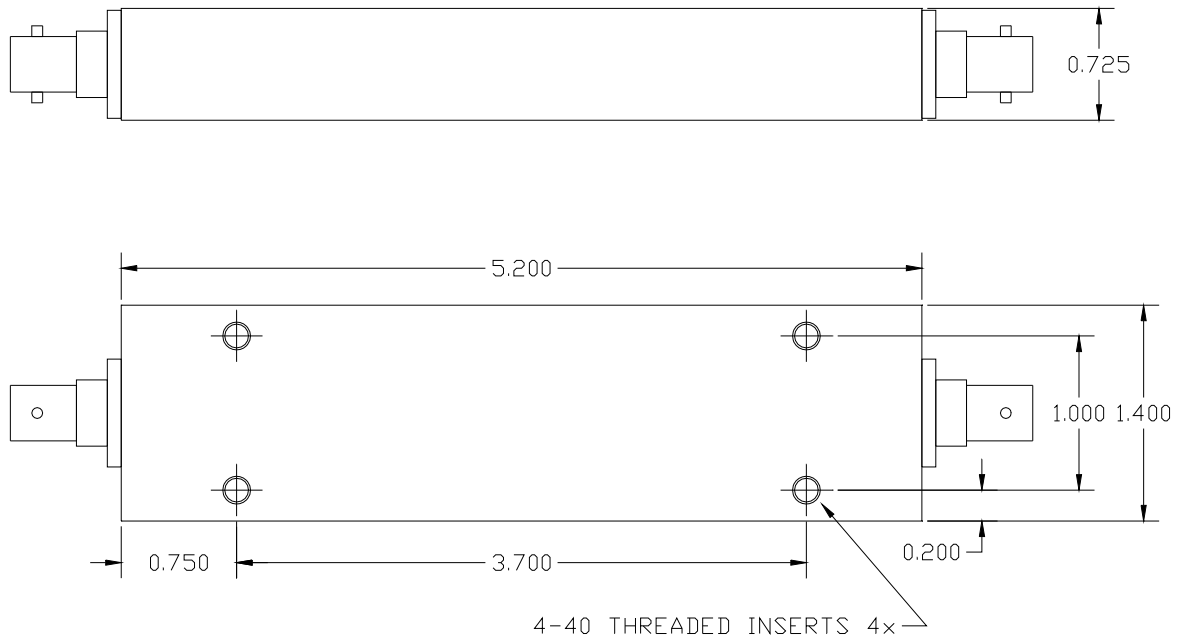
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## Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency	727 KHz	
Insertion Loss	3 dB max	1 dB typical
1 dB Bandwidth	77 KHz typical	
3 dB Bandwidth	80 KHz min	86.5 KHz typical
20 dB Bandwidth	108 KHz typical	
40 dB Bandwidth	139.5 KHz typical	
60 dB Bandwidth	187 KHz typical	
Source and Load	50 Ω	

## Physical Dimensions



### Notes:

1. Rectangular Case
2. BNC(f) Connectors Input/Output

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