

KR Electronics, Inc.

General Description

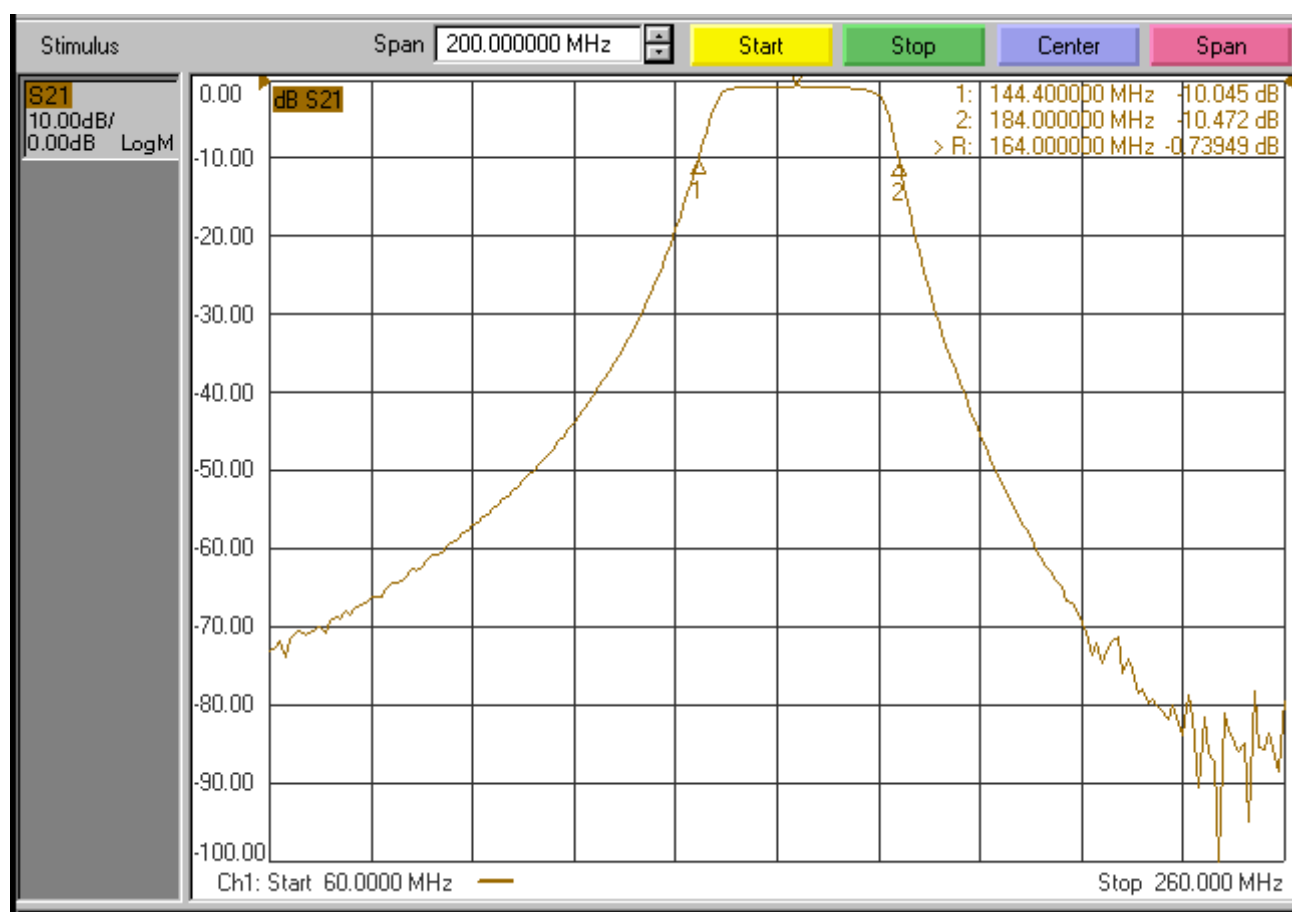
KR Electronics part number 3012-160 is a 160 MHz bandpass filter designed for Positive Train Control PTC applications. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 160 MHz Bandpass Filter
- Designed for PTC Applications
- Encapsulated for Enhanced Shock and Vibration Resistance
- 50 Ω Source and Load
- N(F) to N(M) Connectors

Typical Performance

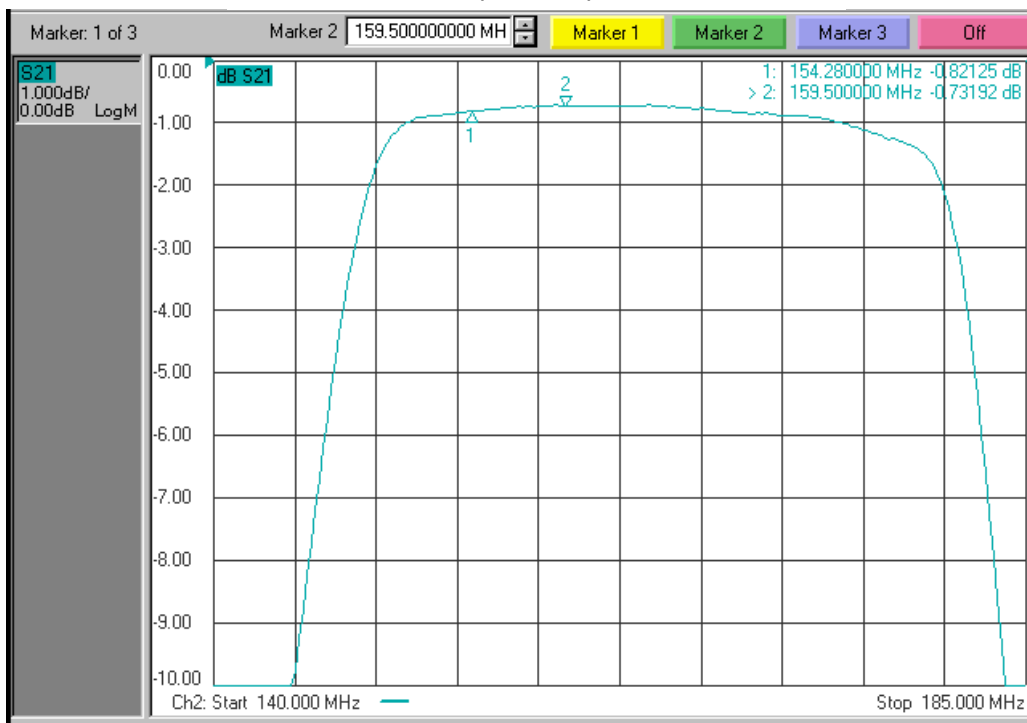
Overall Response (10 dB/div)



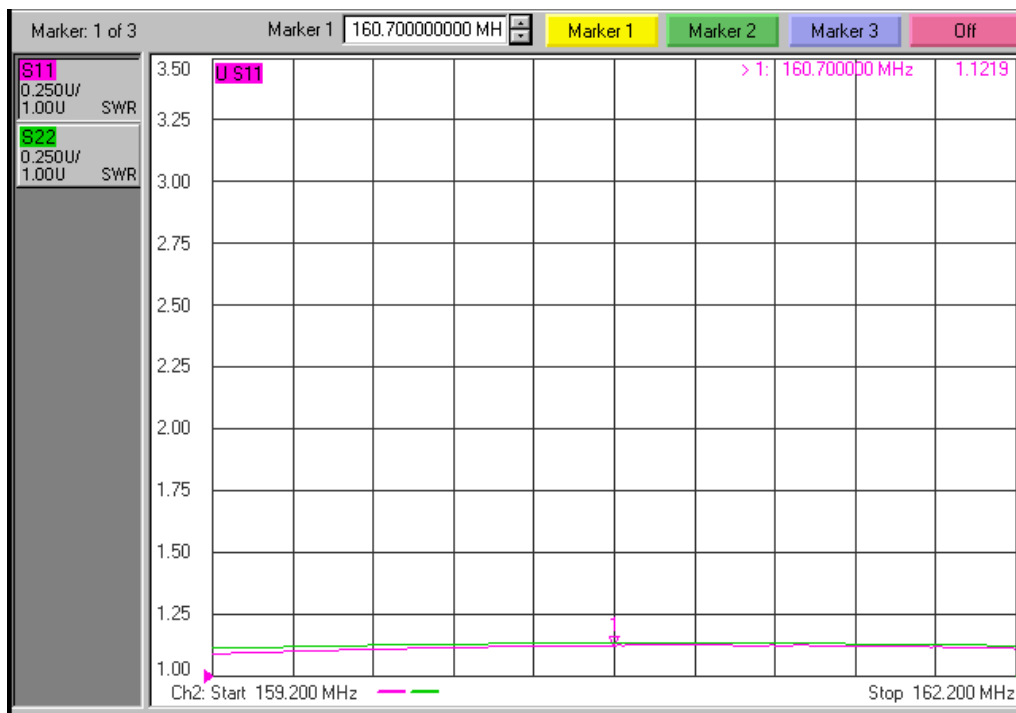
KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

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

Passband Amplitude (1 dB/div)



Passband VSWR



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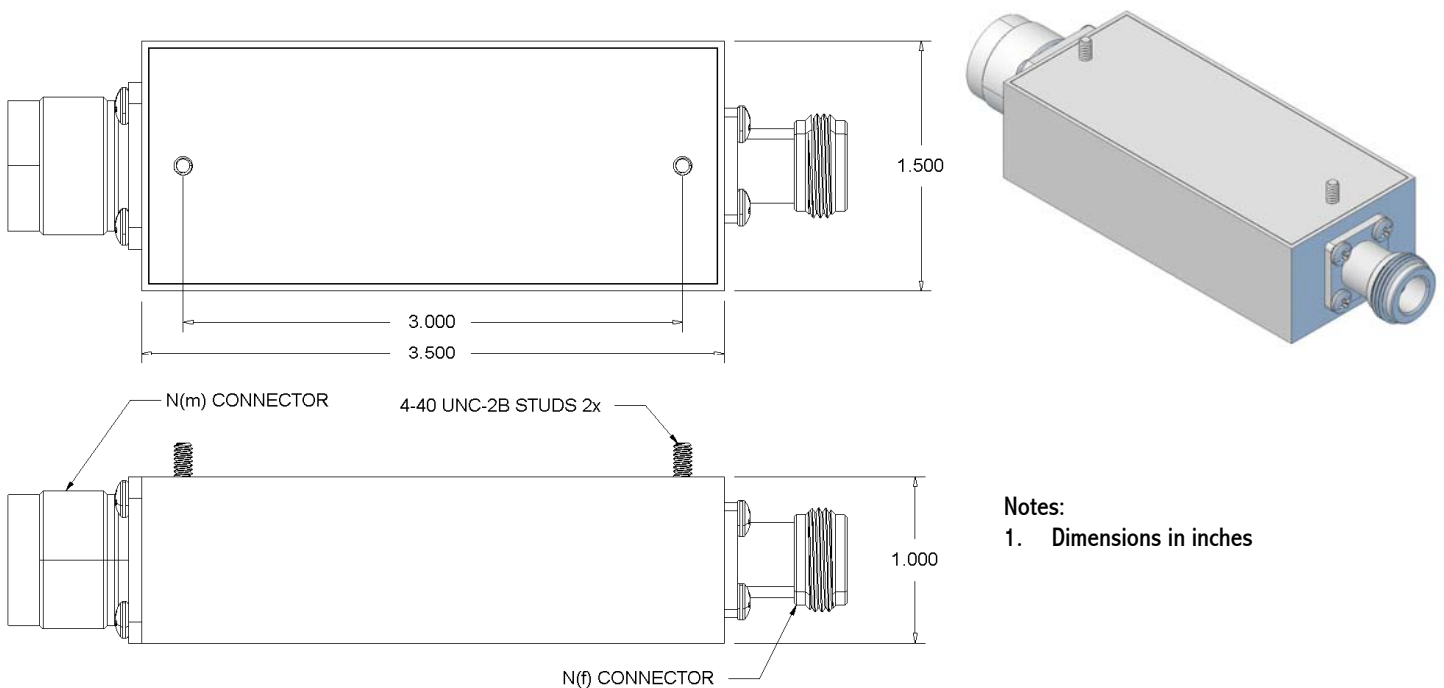
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KR Electronics 3012-160

Specifications

Parameter	Specification	Typical/Notes
KR Electronics Part Number	3012-160	
Filter Type	Bandpass	
Insertion Loss 160 to 162 MHz	2 dB max	1 dB typical
Rejection at 217 MHz	60 dB min	
Rejection at 108 MHz	50 dB typical	
Maximum Input Power	50 Watts	160 to 162 MHz only
Duty Cycle	20% max	
Source and Load	50 Ω	
Temperature Range	-20°C to +65°C	
Encapsulated for Enhanced Resistance to Shock and Vibration	Thousands successfully installed and operating in the field with major rail companies	

Physical Dimensions



Notes:

1. Dimensions in inches

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