

General Description

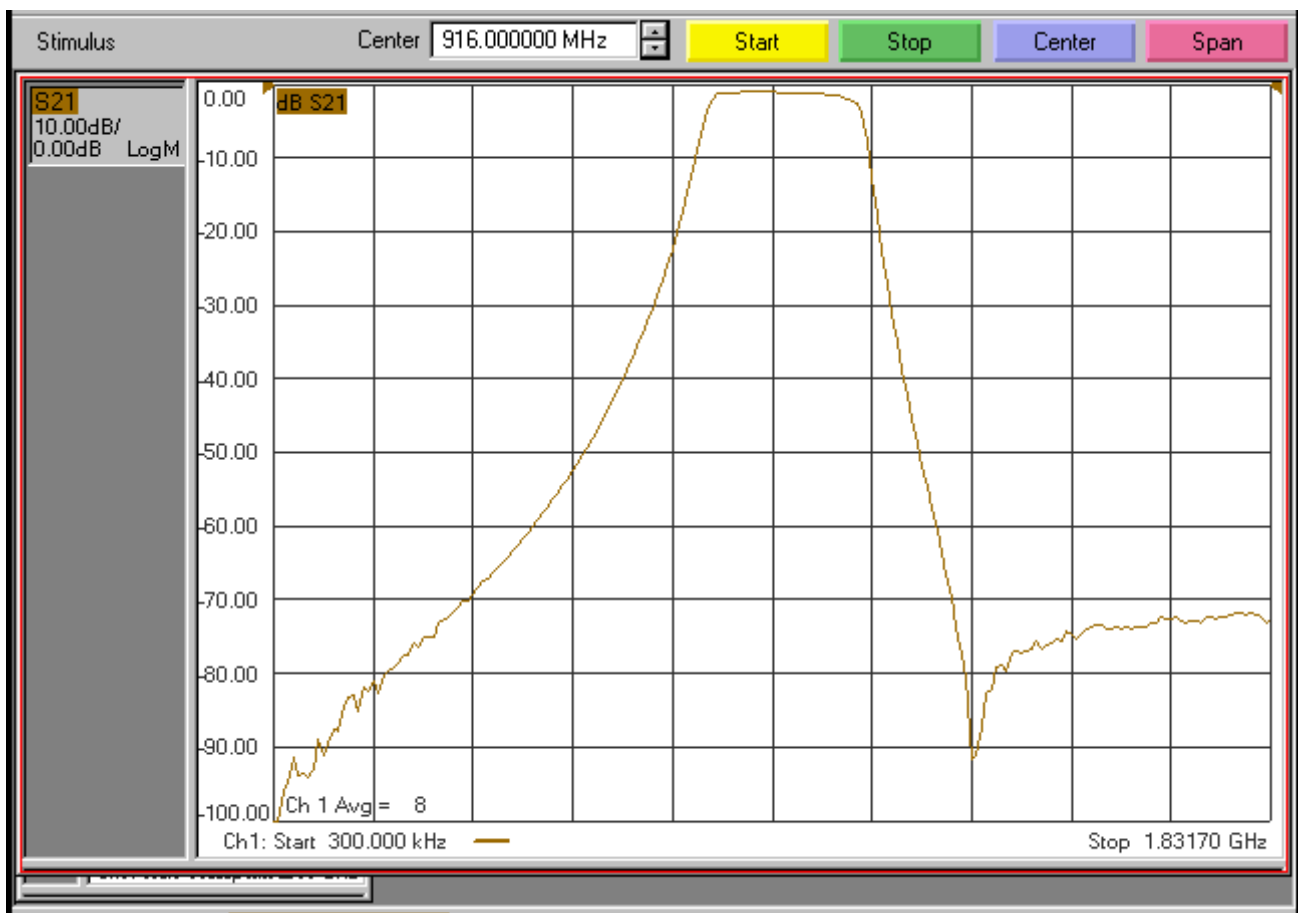
KR Electronics part number 3012-916 is a 916 MHz bandpass filter designed for Positive Train Control PTC applications. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 916 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)

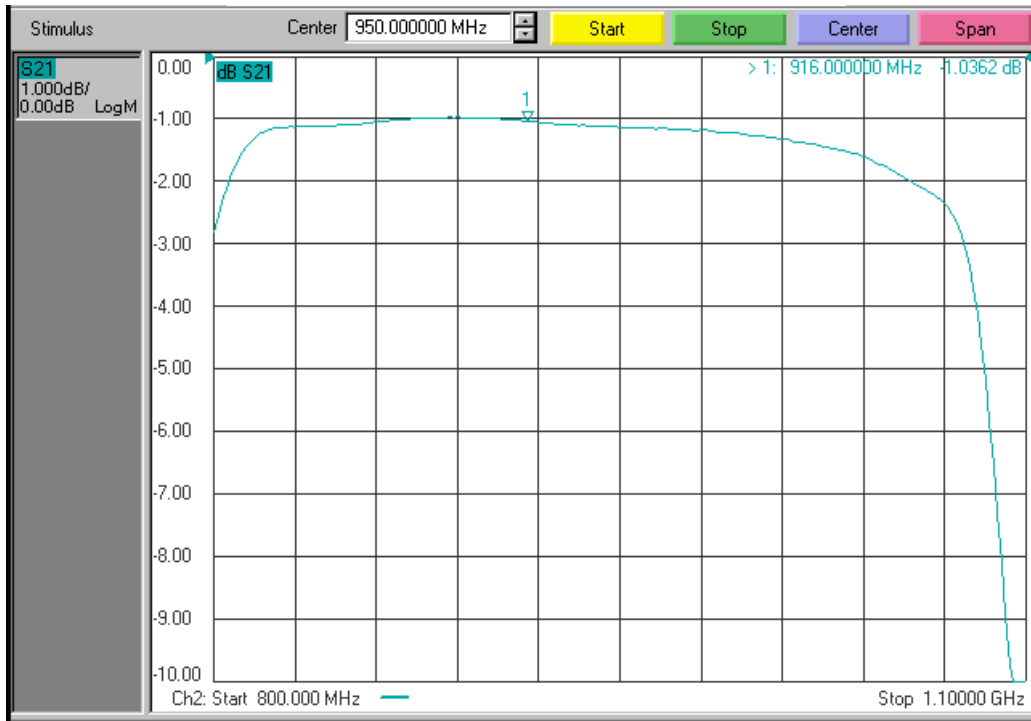


KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

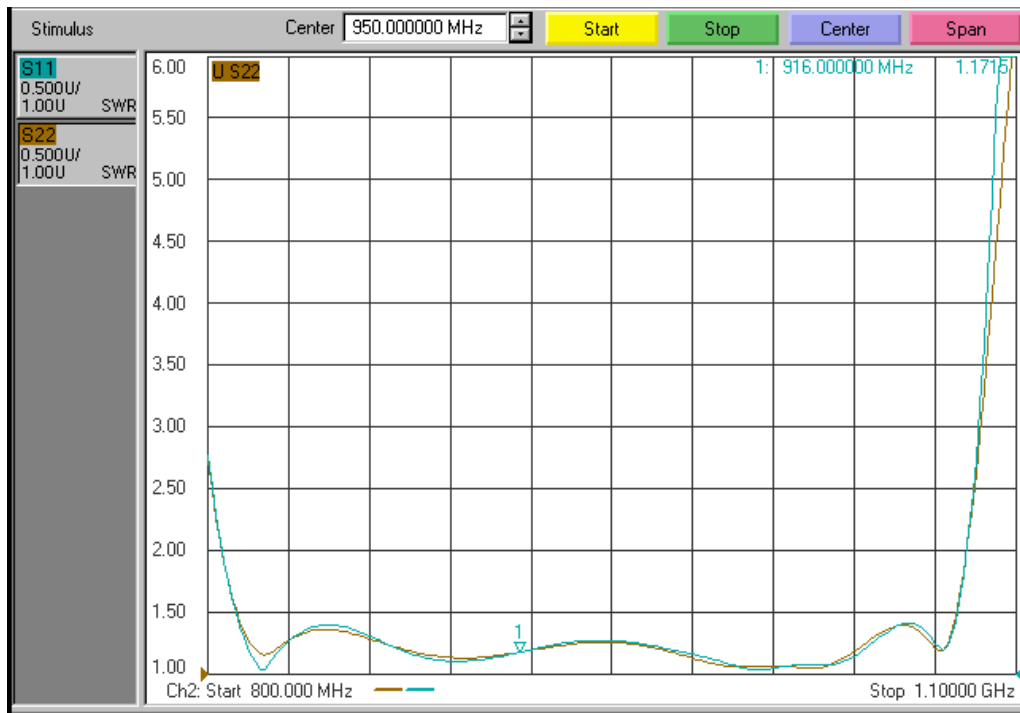
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

KR Electronics 3012-916

Passband Amplitude (1 dB/div)



Passband VSWR



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

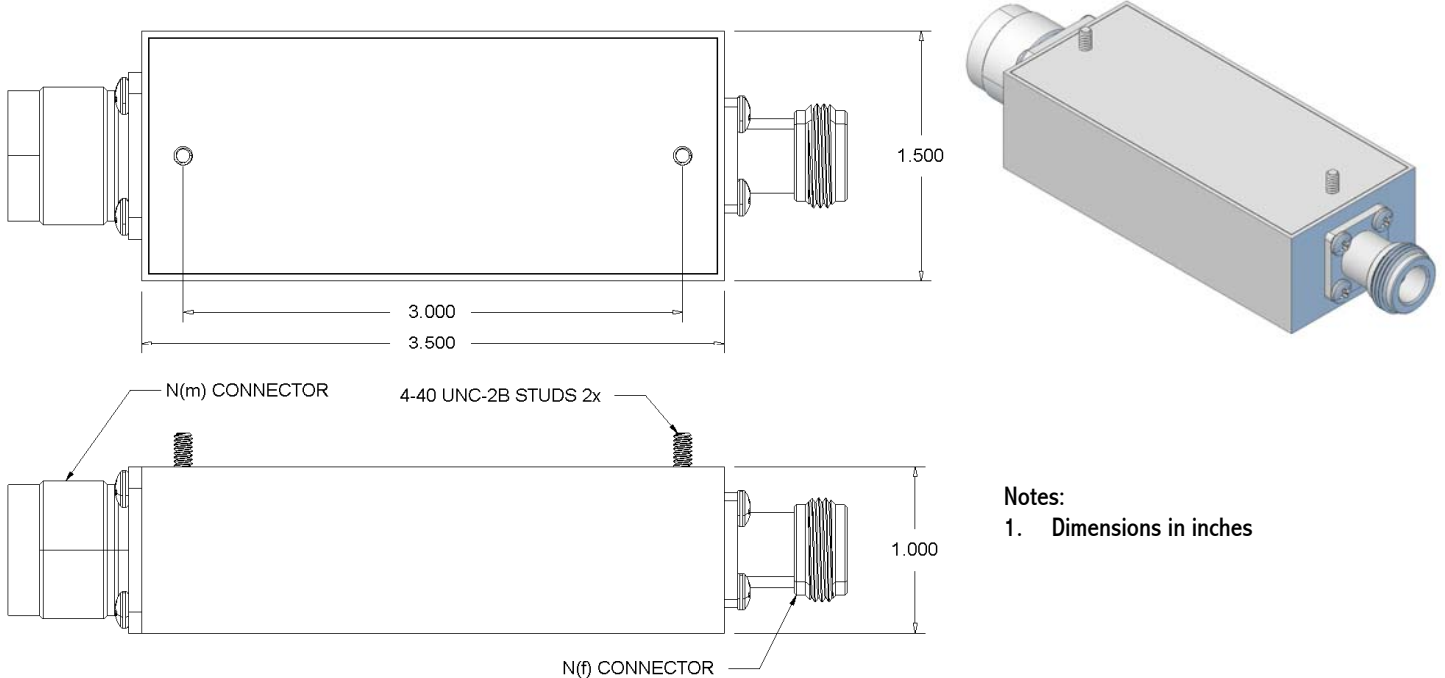
Web: www.krfilters.com
Email: sales@krfilters.com
Phone: (732) 636-1900
Fax: (732) 636-1982

KR Electronics 3012-916

Specifications

Parameter	Specification	Typical/Notes
KR Electronics Part Number	3012-916	
Filter Type	Bandpass	
Insertion Loss 450 to 460 MHz	1.5 dB max	1 dB typical
Rejection at 460 MHz	60 dB typical	
Rejection at 1300 MHz	60 dB min	
Maximum Input Power	30 Watts	896 to 936 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

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