

KR Electronics, Inc.

General Description

KR Electronics part number 3274-BNC-TNC is a 428 MHz bandpass filter. The filter has a minimum 3 dB bandwidth of 40 MHz and maximum 40 dB bandwidth of 70 MHz. The filter is specially designed to pass a DC current from input to output. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 428 MHz Bandpass Filter
- 40 MHz min 3 dB Bandwidth
- Sharp Elliptic Type Design
- 50 Ω Source and Load
- DC path from input to output 360 mA maximum

Typical Performance

Overall Response (10 dB/div)

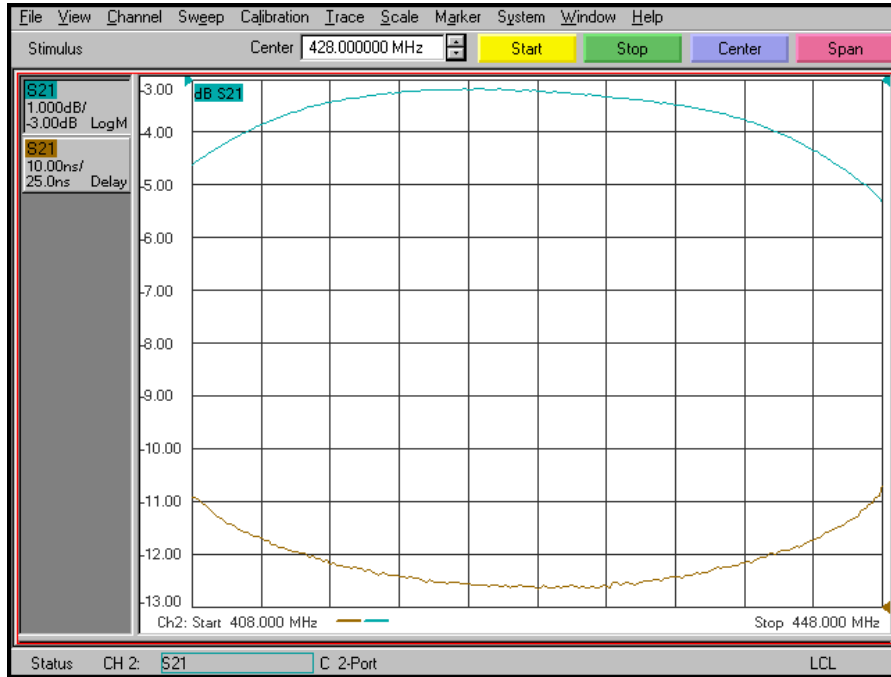


KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

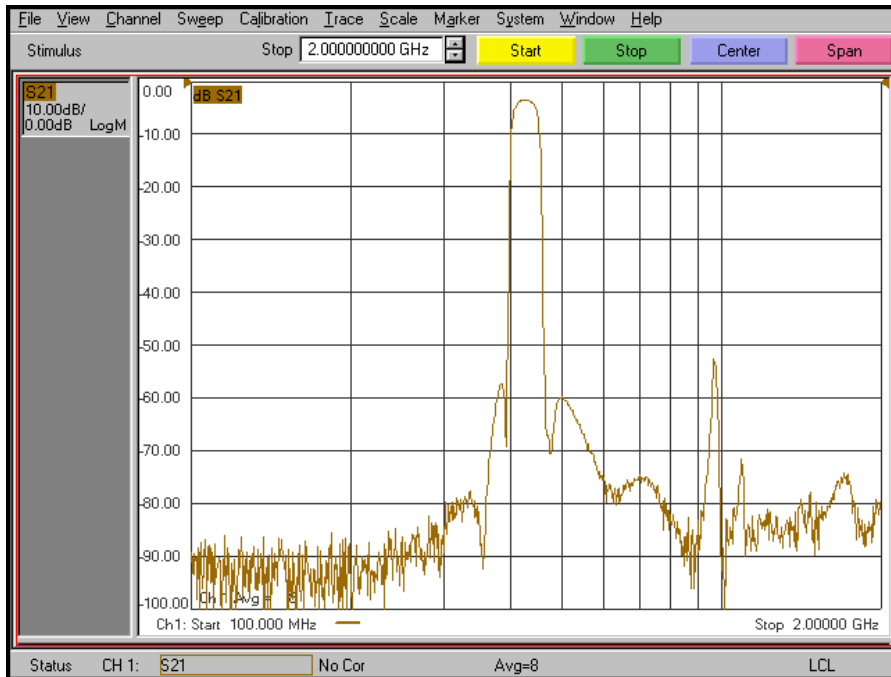
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

KR Electronics 3274-BNC-TNC

Passband Amplitude & Group Delay (1 dB/div & 10 nsec/div)



Overall Response (10 dB/div)



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

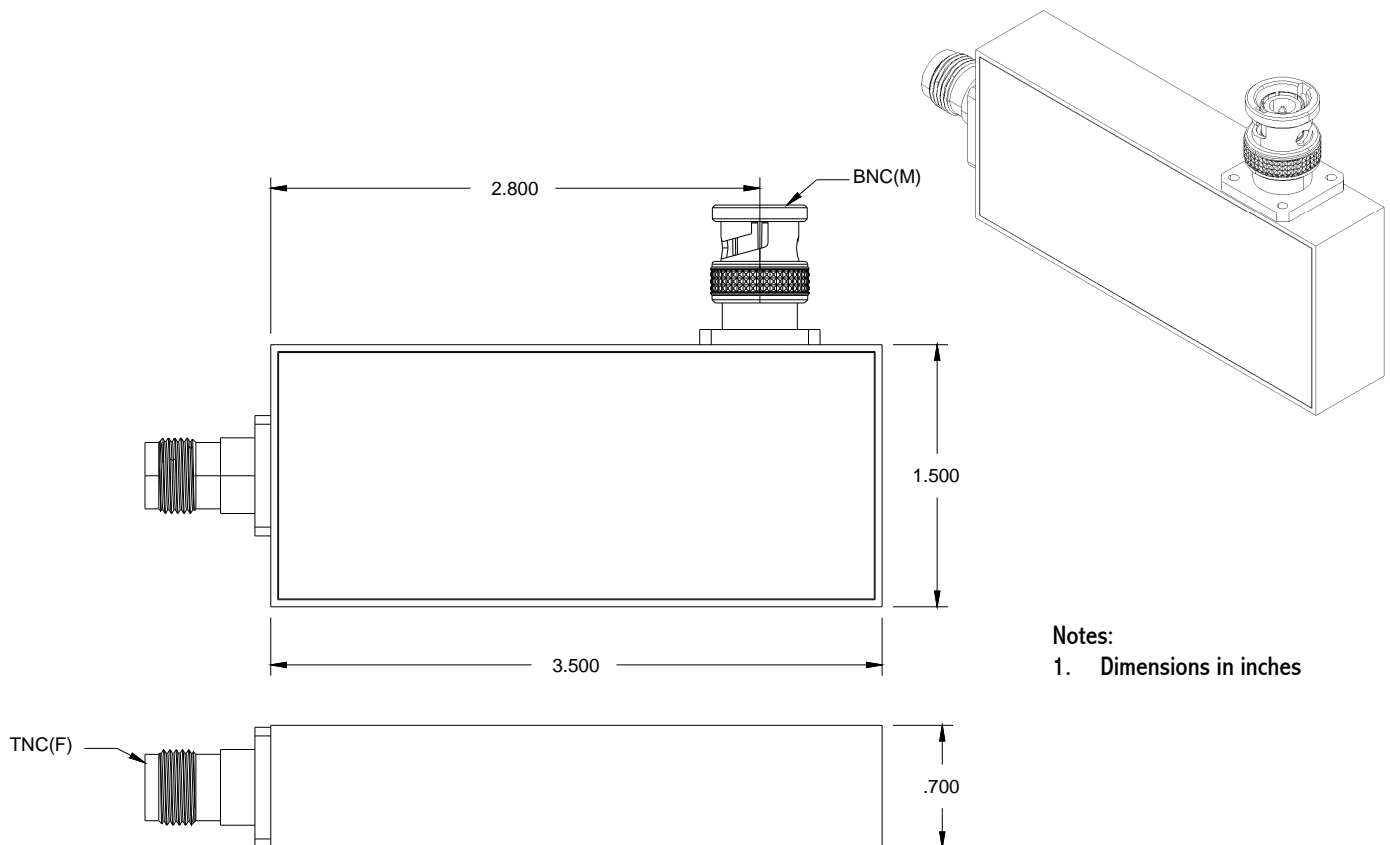
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

KR Electronics 3274-BNC-TNC

Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency	428 MHz	
Insertion Loss	5 dB max	3.2 dB typical
3 dB Bandwidth	40 MHz min	
Rejection 50 MHz to 393 MHz	40 dB min	Frequency below 7 MHz are not rejected
Rejection 463 MHz to 1000 MHz	40 dB min	
DC path from In/Out	360 mA maximum	
Source and Load	50 Ω	

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