

General Description

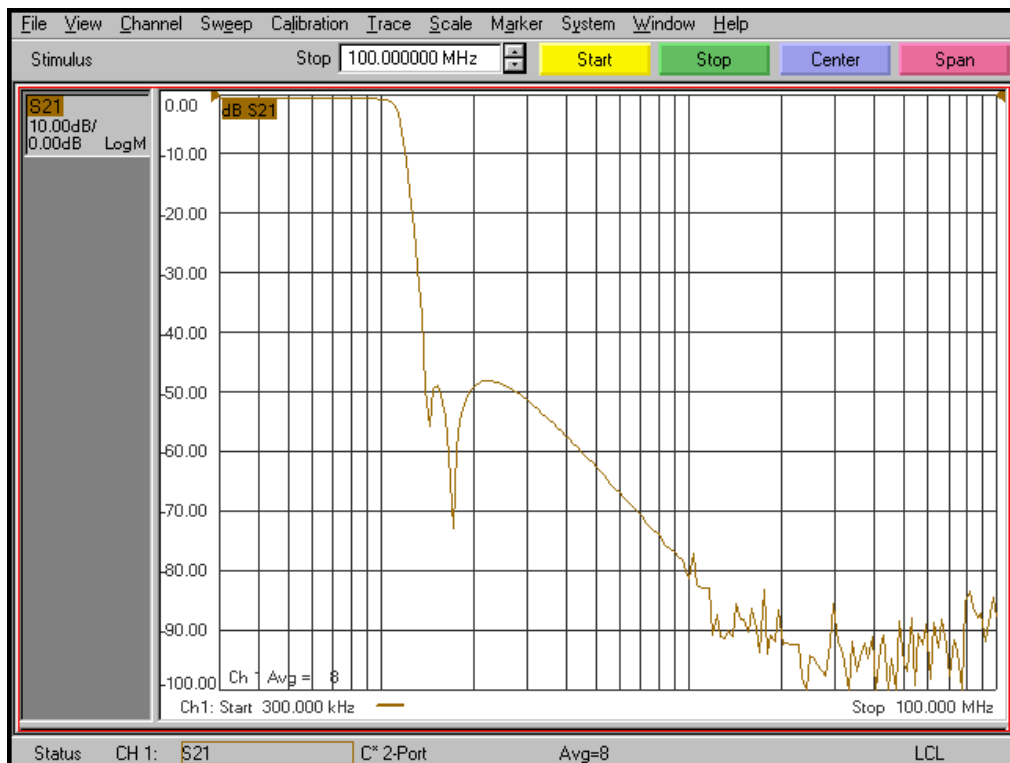
KR Electronics part number 3271-BNC is a 1 MHz Lowpass filter. The filter has a 0.5 dB bandwidth of 1 MHz min and attains 45 dB min by 1.4 MHz. The filter maintains the stopband rejection to 9 GHz. Other frequencies are available. Please consult the factory.

Features

- 1 MHz Lowpass Filter
- 0.5 dB Bandwidth 1 MHz min
- 45 dB min by 1.4 MHz
- Stopband to 9 GHz
- 50 Ω Source and Load
- Other frequencies available
- BNC Connectors In/Out

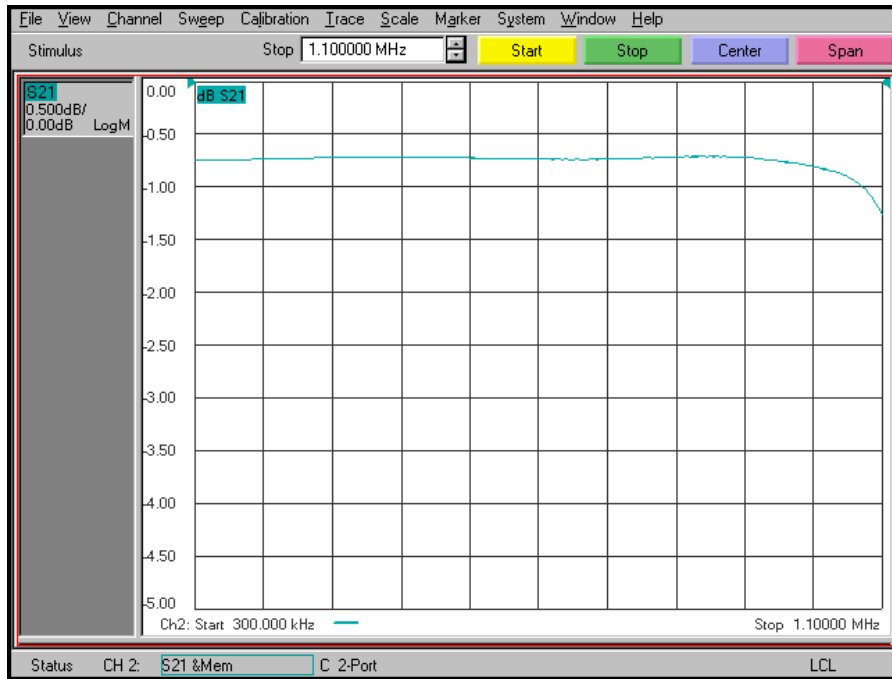
Typical Performance

Overall Response (10 dB/div)

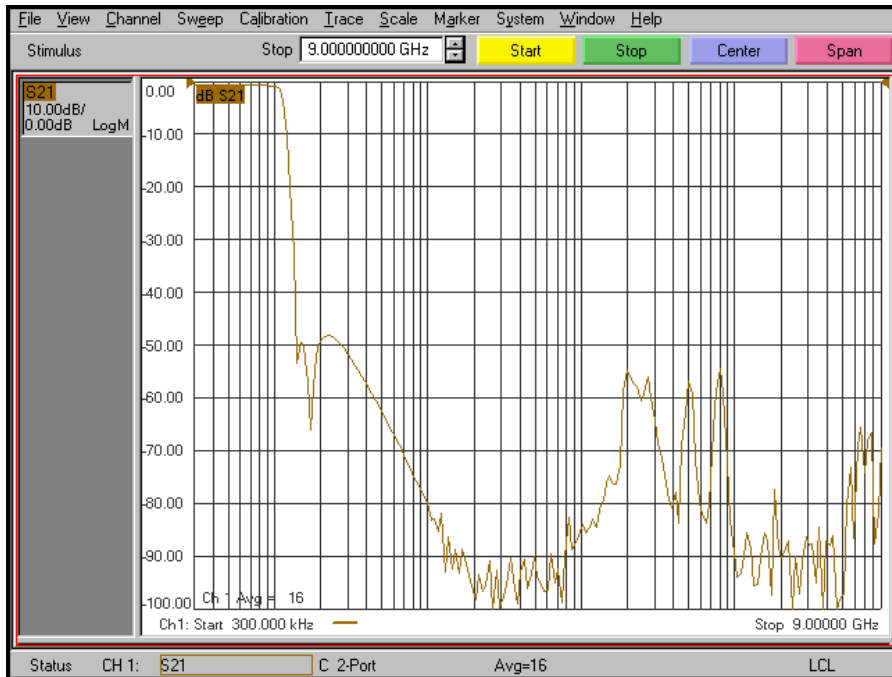


KR Electronics 3271-BNC

Passband Amplitude (0.5 dB/div)



Overall Response to 9 GHz (10 dB/div)



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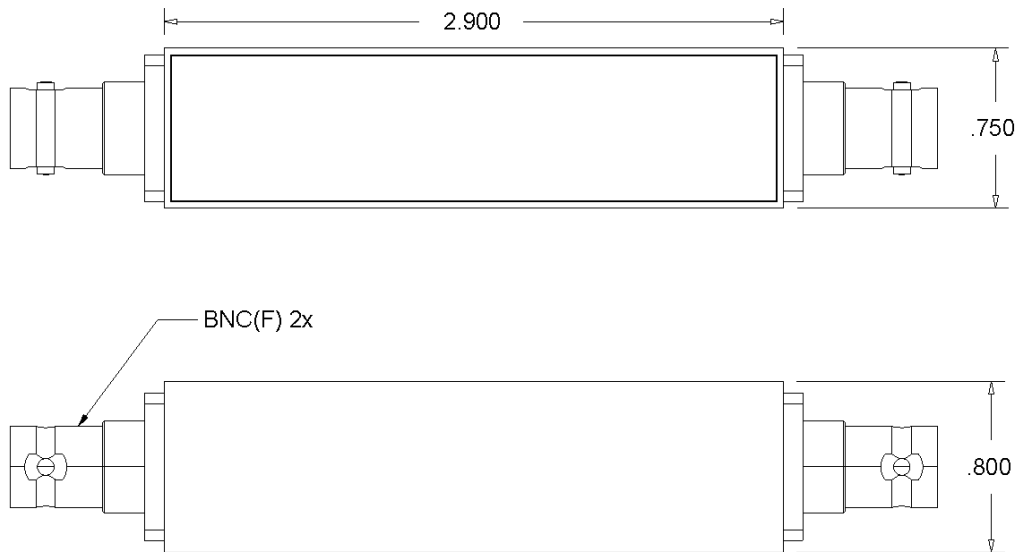
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KR Electronics 3271-BNC

Specifications

Parameter	Specification
Filter type	Lowpass
Insertion Loss at 100 KHz	1 dB max
Passband Ripple to 1 MHz	0.5 dB max < 0.25 dB typical
Rejection at 1.4 MHz to 9 GHz	45 dB min
Source and Load	50 Ω

Physical Dimensions



Notes:

1. Dimensions in inches
2. BNC(F) connectors In/Out
3. Also available with SMA connectors