

KR Electronics

General Description

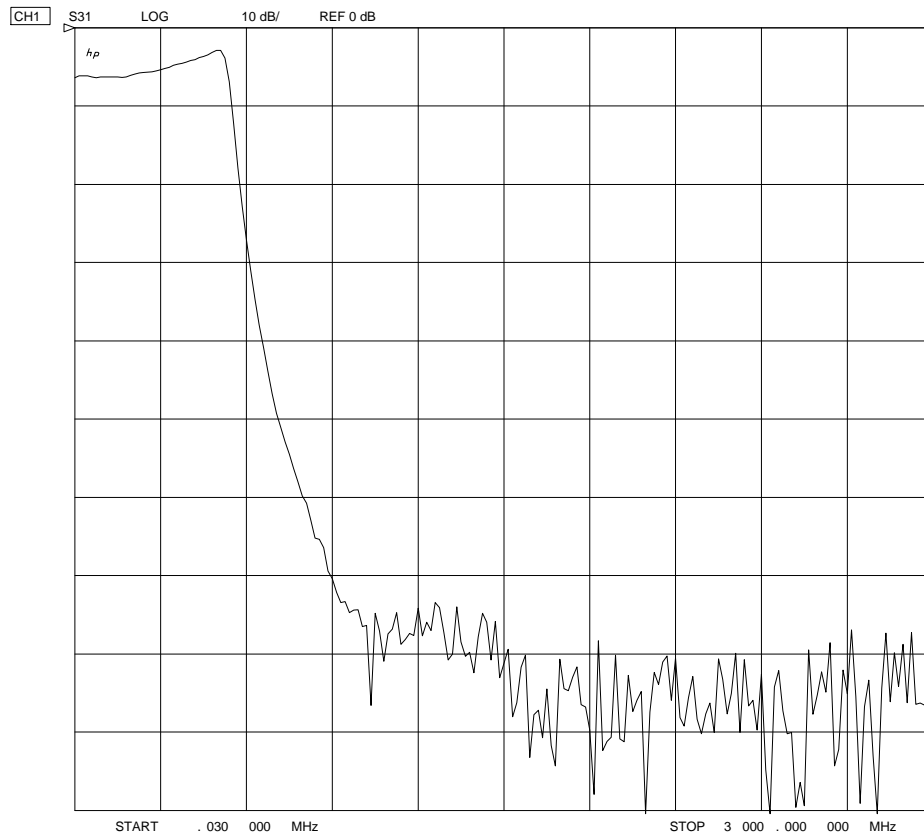
KR Electronics part number 2968-SMA is a 475 MHz lowpass filter. The filter is group delay equalized and has $\sin(x)/x$ corrections. Other bandwidths are available. Please consult the factory.

Features

- 475 MHz Lowpass Filter
- Group Delay Equalized
- $\sin(x)/x$ Correction
- 50 Ω Source and Load
- SMA Connectors
- Surface Mount also available

Typical Performance

Overall Response
(10 dB/div)

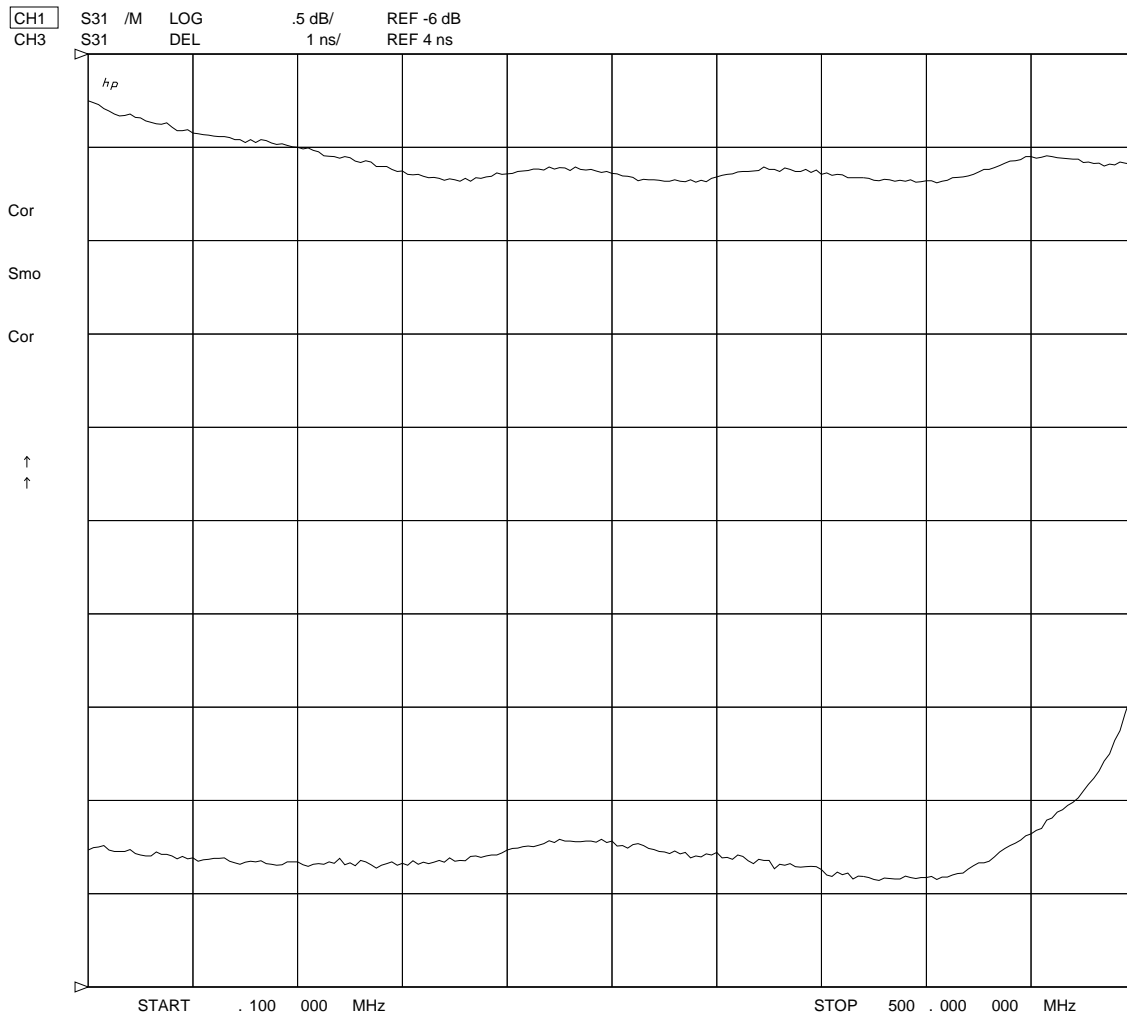


KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

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

Typical Performance

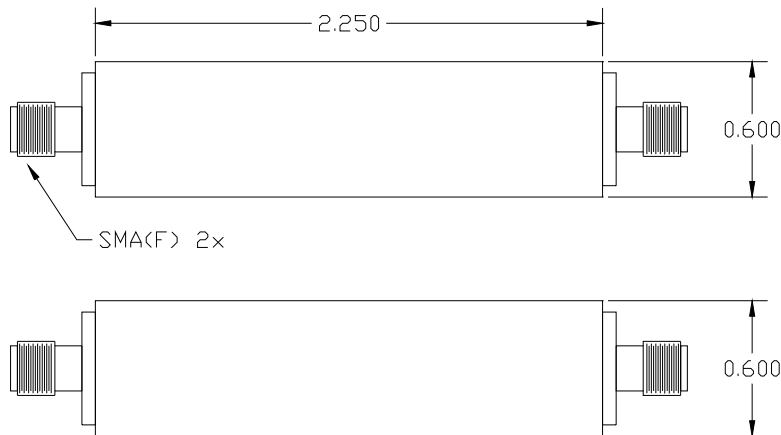
Effective Passband Amplitude & Group Delay (0.5 dB/div & 1 nsec/div)



Specifications

Parameter	Specification	Notes
Filter type	Lowpass	
End of Passband	475 MHz	
Effective Passband Ripple 270 MHz to 475 MHz	0.5 dB max	With Sin(x)/x correction for 1 GHz sampling frequency
Insertion Loss at 0.1 MHz	6.5 dB max	
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Dimensions in inches
2. Rectangular case
3. Also available in surface mount package 0.5" x 1.5" x 0.30"

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