

# KR Electronics

## General Description

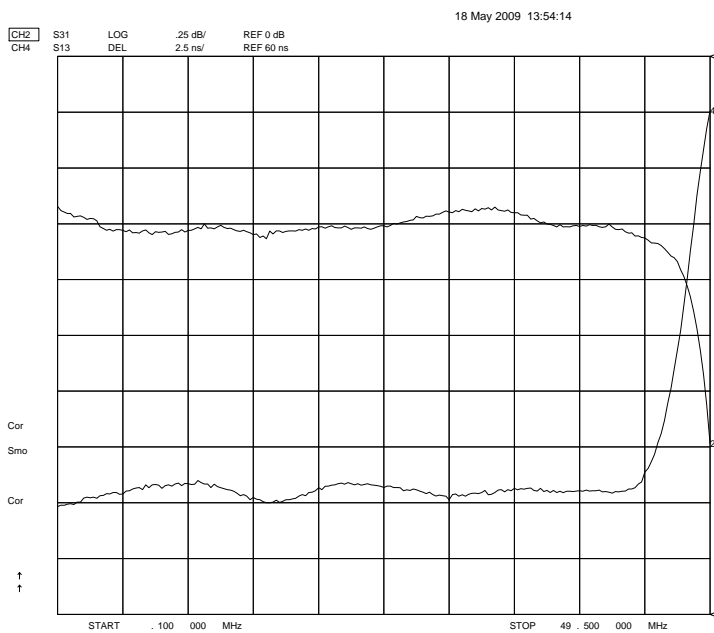
KR 2391B-45-50 is a group delay equalized lowpass filters. The filter's flat passband response and group delay equalization make it a good choice for video applications.

### Features

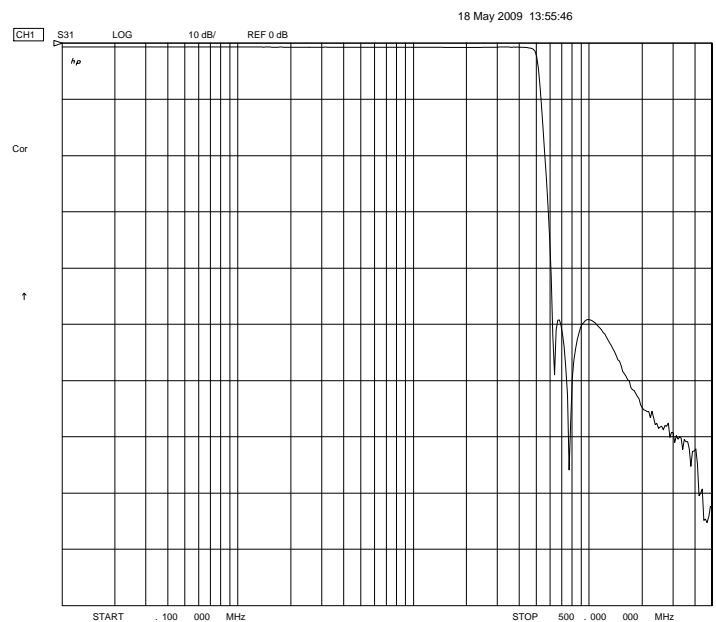
- 45 MHz Cutoff Frequency
- Flat passband response
- Group delay equalized
- Elliptic Response

## Typical Performance

**Passband Response**  
(0.25 dB/div & 2.5 nsec/div)



**Overall Response**  
(10 dB/div)



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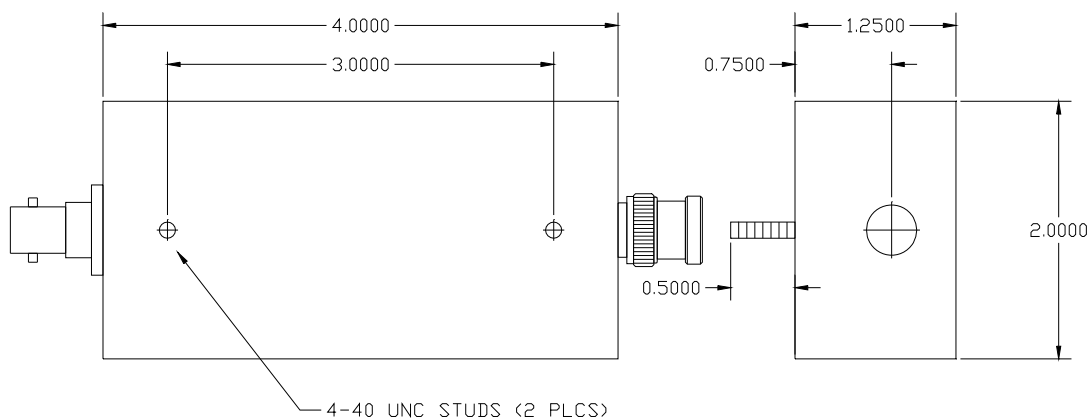
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## KR Electronics 2391B-45-50

### Specifications

Parameter	Specification
Filter type	Lowpass
Insertion Loss	< 1 dB
End of Passband (< 0.25 dB)	45 MHz
Passband Ripple to 45 MHz	< 0.25 dB
Attenuation at 49.5 MHz	< 3 dB
Attenuation at 62.1 MHz	> 45 dB
Group Delay Ripple to 45 MHz	< 5 nsec (< 2.5 nsec typical)
Source and Load	50 $\Omega$

### Physical Dimensions



Dimensions in inches

BNC(F) to BNC(M) connectors

Other connector options and configurations available on request including surface mount