

KR Electronics

General Description

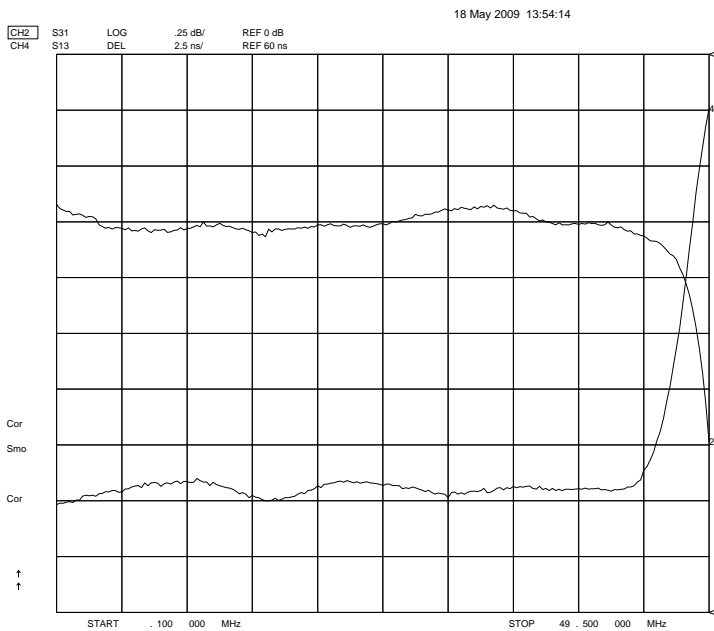
KR 2391B-45-50 is a group delay equalized lowpass filters. The filter's flat passband response and group delay equalization make it a good choice for video applications.

Features

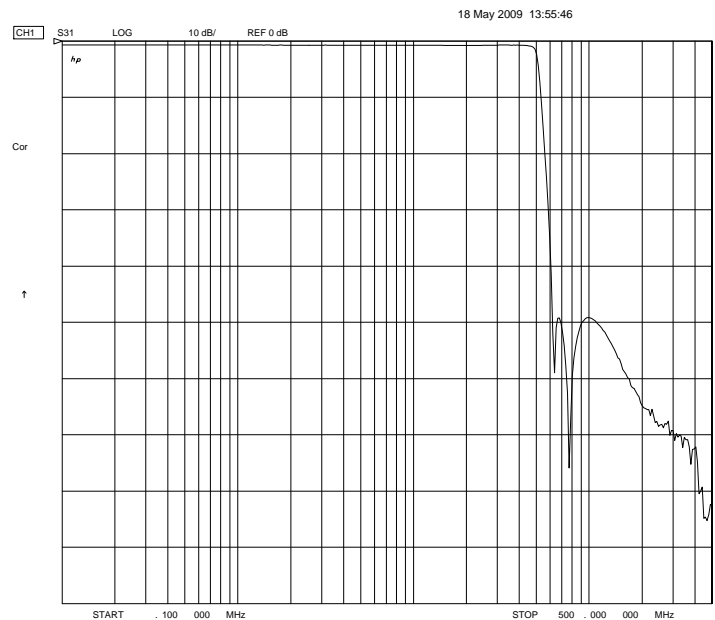
- 45 MHz Cutoff Frequency
- Flat passband response
- Group delay equalized
- Elliptic Response

Typical Performance

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



Overall Response
(10 dB/div)



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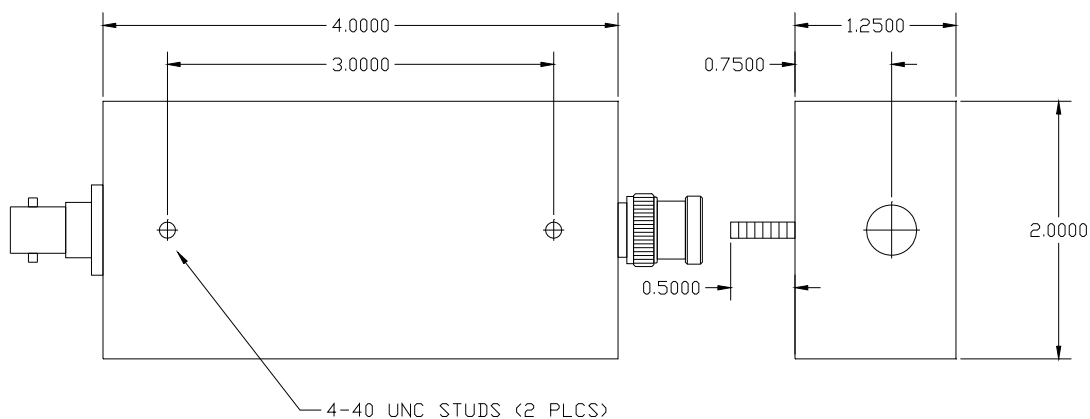
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KR Electronics 2391B-45-50

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 Ω |

Physical Dimensions



Dimensions in inches

BNC(F) to BNC(M) connectors

Other connector options and configurations available on request including surface mount