

KR Electronics 2532

General Description

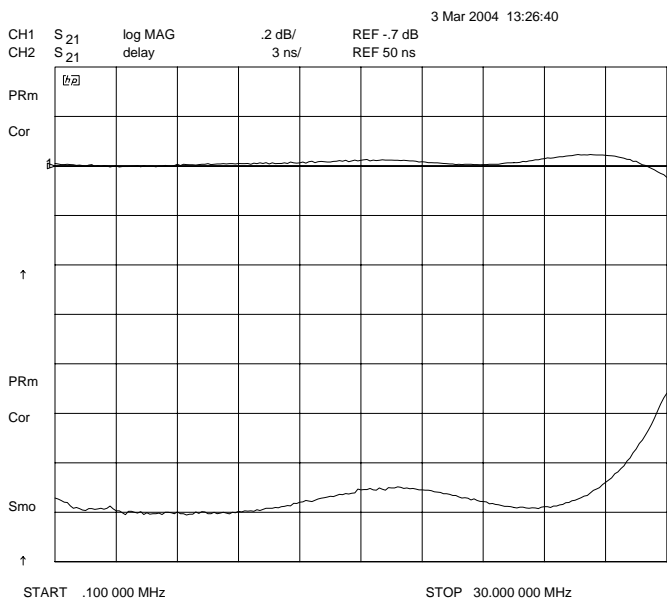
KR 2532 is a 30 MHz low cost video filter with near SMPTE 274M performance. Other bandwidths available. Please consult the factory. For filter with Sin(x)/x compensation see KR 2382.

Features

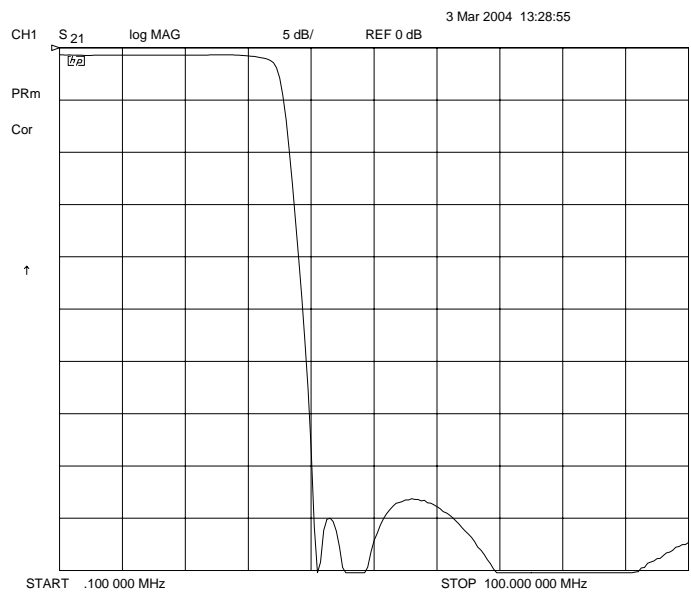
- SIP Package
- Sharp Transition to Stopband
- Near SMPTE 274M
- 75 Ω Source and Load

Typical Performance

Passband Amplitude & Group Delay
(0.2 dB/div and 3nsec/div)



Overall Response
(5 dB/div)



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Specifications

| Parameter | Specification | |
|------------------------------|-------------------------|---|
| Filter type | Video Lowpass | |
| End of Passband | 30 MHz | |
| Insertion Loss | < 1 dB (0.7 dB typical) | |
| Passband Ripple | < 0.2 dB | |
| Attenuation at 37.125 MHz | 12 dB | |
| Attenuation at 43.5 MHz | > 40 dB | |
| Sin(x)/x | No | See KR 2382 for Sin(x)/x compensated filter |
| Group Delay Ripple to 27 MHz | < 3 nsec | |
| Source and Load | 75 Ω | |

Physical Dimensions

