

KR Electronics 2532

General Description

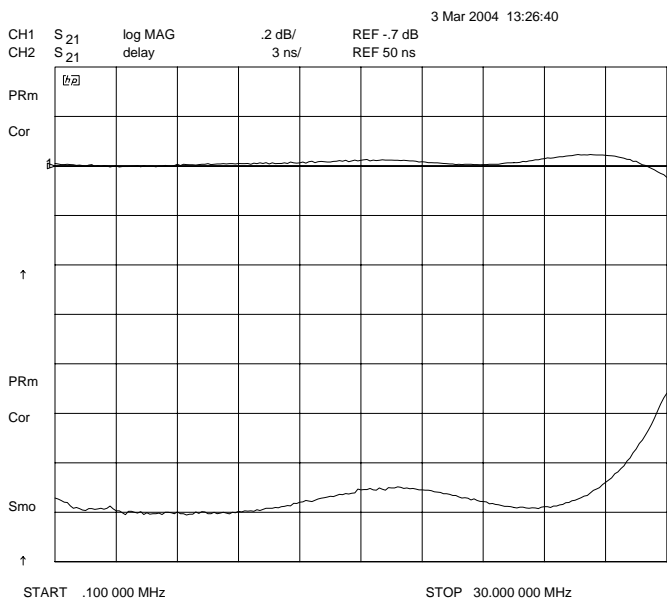
KR 2532 is a 30 MHz low cost video filter with near SMPTE 274M performance. Other bandwidths available. Please consult the factory. For filter with Sin(x)/x compensation see KR 2382.

Features

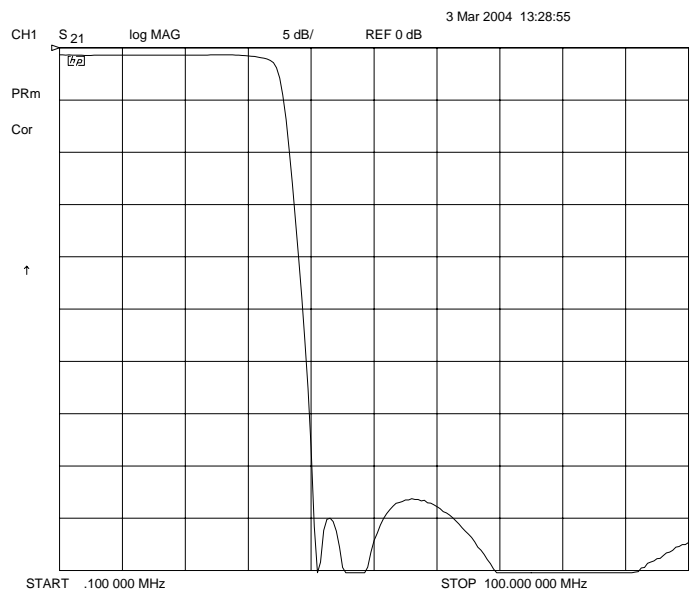
- SIP Package
- Sharp Transition to Stopband
- Near SMPTE 274M
- 75 Ω Source and Load

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

