

KR Electronics 2547-4000

General Description

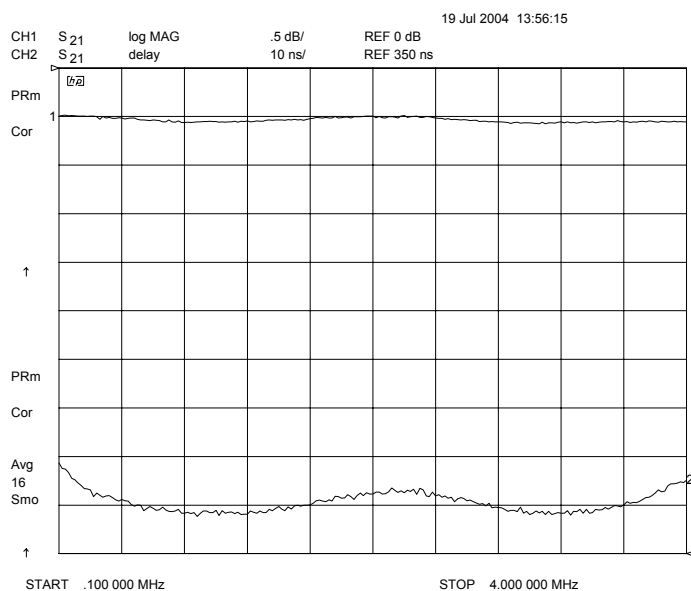
KR 2547-4000 is a 4 MHz, group delay equalized lowpass filter. Other bandwidths are available. Please consult the factory.

Features

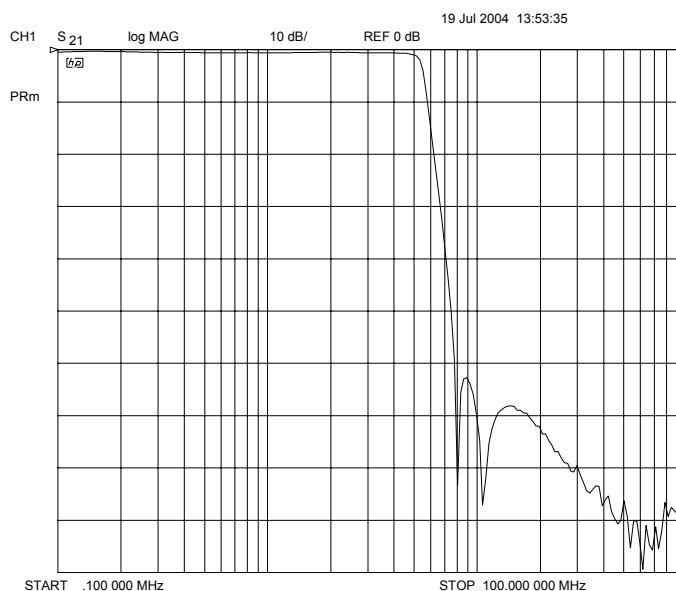
- Elliptic Type Response
- Sharp Transition to Stopband
- 60 dB Typical Stopband
- $< \pm 1^\circ$ Phase Linearity in Passband
- 50 Ω Source and Load

Typical Performance

Passband Amplitude & Group Delay (0.5 dB/div and 25 nsec/div)



Overall Response (10 dB/div)



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Specifications

Parameter	Specification
Filter type	Lowpass
Insertion Loss	< 1 dB (0.5 dB typical)
End of Passband < 1 dB	4 MHz
Start of Stopband >45 dB (typically > 60 dB)	8 MHz
Phase Linearity to Passband End	< $\pm 1^\circ$
Source and Load	50 Ω

Physical Dimensions

