

KR 2456 Linear Phase Bandpass Filter

General Description

KR 2456 is a 9 pole linear phase bandpass filter. The center frequency is 350 MHz and the approximate 3 dB bandwidth is 56 MHz. Please consult the factory for other frequencies.

Features

- 350 MHz center frequency
- Linear Phase
- 50 Ω
- SMA connectors

Typical Performance

Amplitude & Group Delay
(5 dB/div & 5 nsec/div)

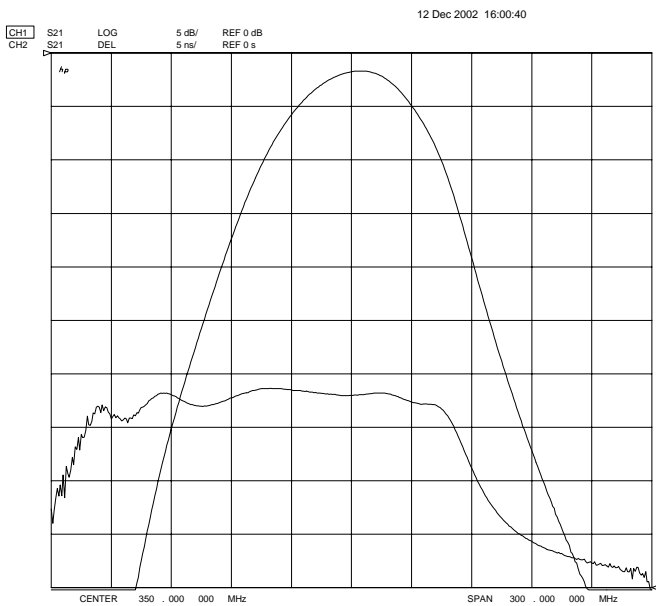


Figure 1

Overall Response
(10 dB/div)

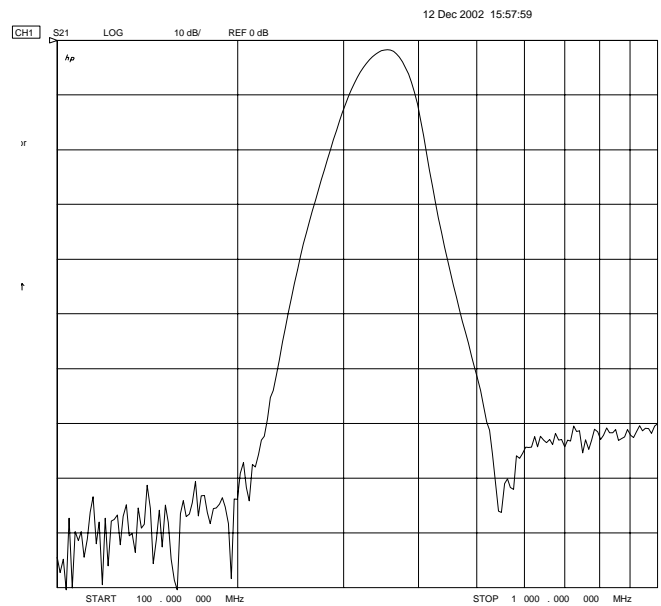


Figure 2

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KR 2456

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	350 MHz
Insertion Loss	< 3 dB (< 2 dB Typ)
Approximate 3 dB Bandwidth	56 MHz
Attenuation at 270 MHz	> 20 dB
Attenuation at 300 MHz	> 9 dB
Attenuation at 400 MHz	> 9 dB
Attenuation at 430 MHz	> 24 dB
Group Delay Ripple 270 MHz to 430 MHz	< ±2.5 nsec
Source & Load	50 Ω

Physical Dimensions

