

KR Electronics 2580-S

General Description

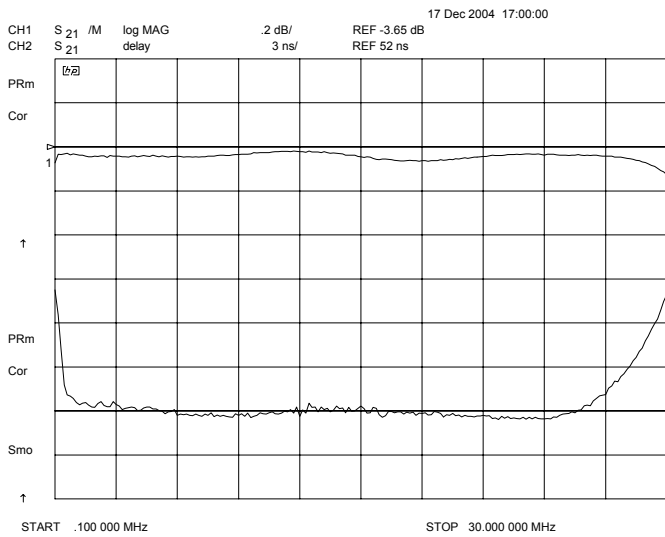
KR 2580-S is a 30 MHz lowpass filter with group delay equalization and Sin(x)/x compensation. Other bandwidths available. Please consult the factory. For filter without Sin(x)/x compensation see KR 2580.

Features

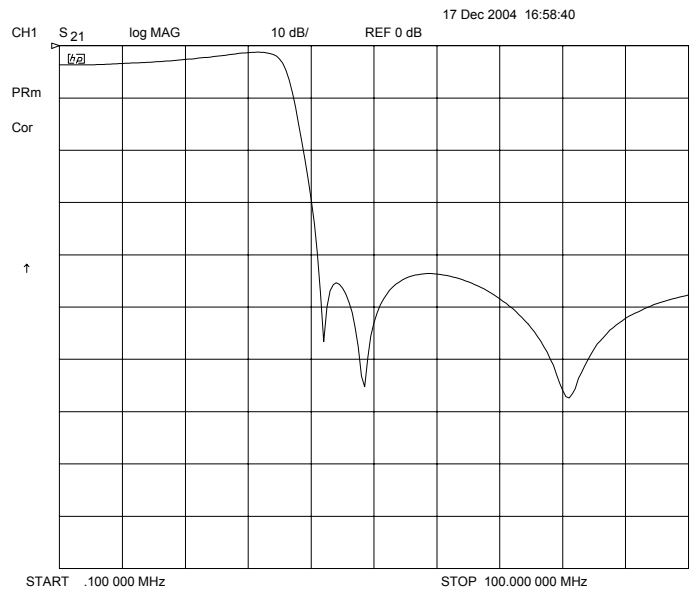
- SIP Package
- Sharp Transition to Stopband
- Group Delay Equalized
- Sin(x)/x Compensation
- 50 Ω Source and Load

Typical Performance

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



Overall Response (10 dB/div)



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Specifications

Parameter	Specification	
Filter type	Lowpass	
End of Passband	30 MHz	
Insertion Loss	< 5 dB (3.7 dB typical)	
Effective Passband Ripple	< 0.2 dB	
Attenuation at 43.5 MHz	> 40 dB	
Sin(x)/x	Yes for 74.25 MHz	See KR 2580S for uncompensated filter
Group Delay Ripple to 27 MHz	< 3 nsec	
Source and Load	50 Ω	

Physical Dimensions

