

KR 2478 Lowpass Filter

General Description

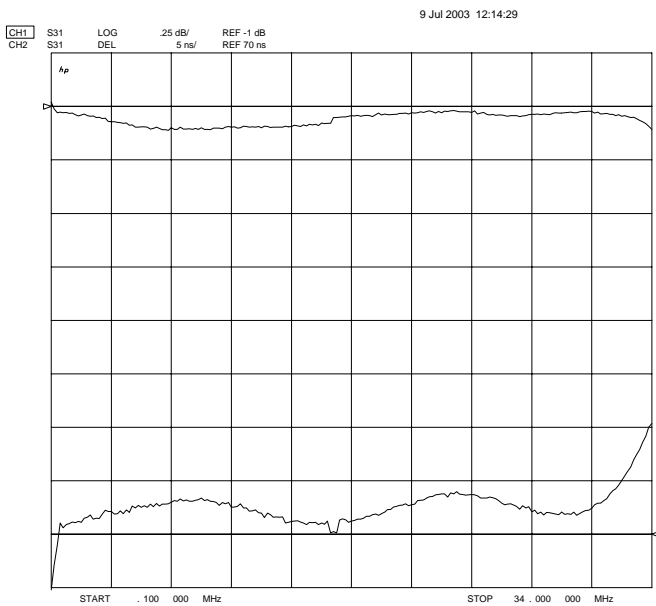
KR 2478 is a 34 MHz lowpass filter. The filter is group delay equalized and amplitude equalized. Please consult the factory for other passband or sampling frequencies.

Features

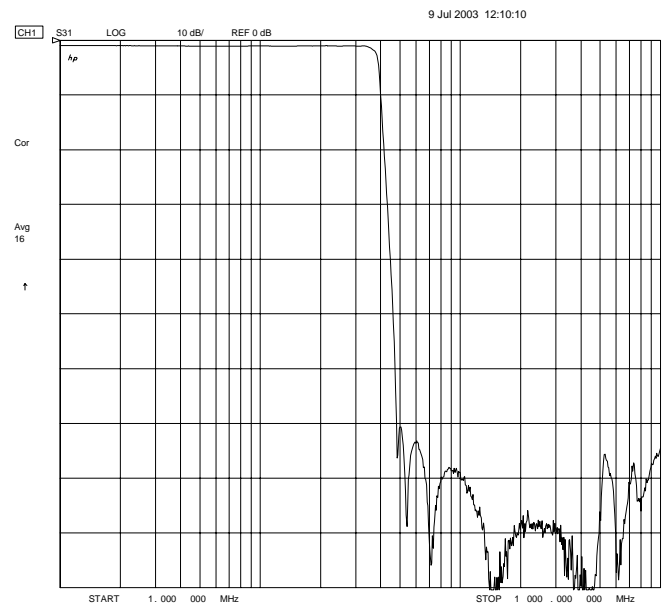
- 34 MHz passband
- Sharp transition to 60 dB
- 50 Ω
- SMA connectors

Typical Performance

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



Overall Response
(10 dB/div 1 MHz to 1 GHz)



KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

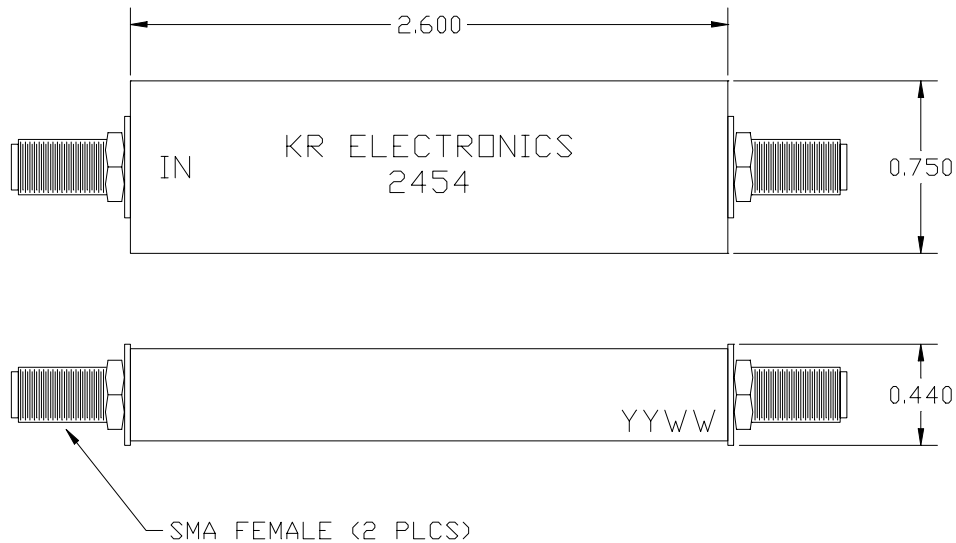
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

KR 2478

Specifications

Parameter	Specification
Filter type	Lowpass
End of Passband	34 MHz
Passband Ripple to 34 MHz	< 0.25 dB
Insertion Loss (at 100 KHz)	< 2 dB
Group Delay Ripple to 30 MHz	< 5 nsec
Group Delay Ripple to 34 MHz	< 15 nsec
Attenuation at 46 MHz	> 40 dB
Attenuation at 50 MHz	> 60 dB
Source & Load	50 Ω

Physical Dimensions



Dimensions in inches
 Can also be supplied with pins for PCB mounting