

# KR Electronics 2590-2

## General Description

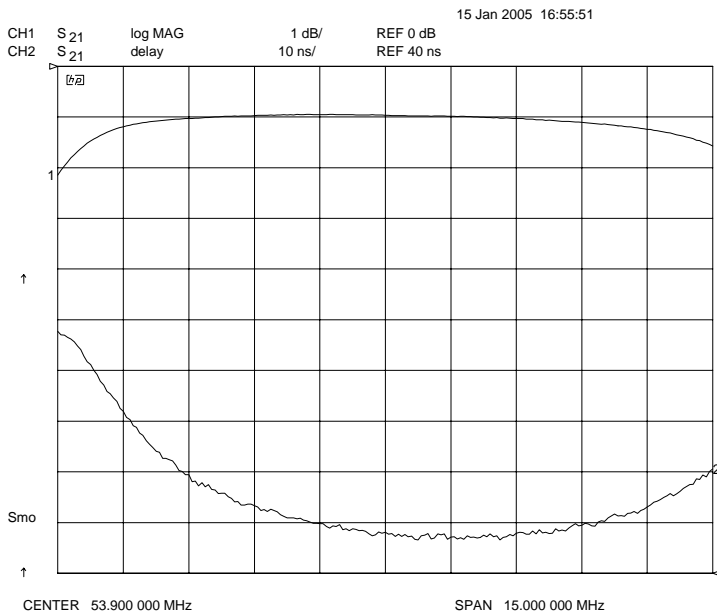
KR 2590-2 is a 53.9 MHz bandpass filter. The filter has a minimum 1.5 dB bandwidth of 11.8 MHz and is designed for 50  $\Omega$  source and load impedance. Other and bandwidths are available. Also available in a surface mount package. Please consult the factory.

## Features

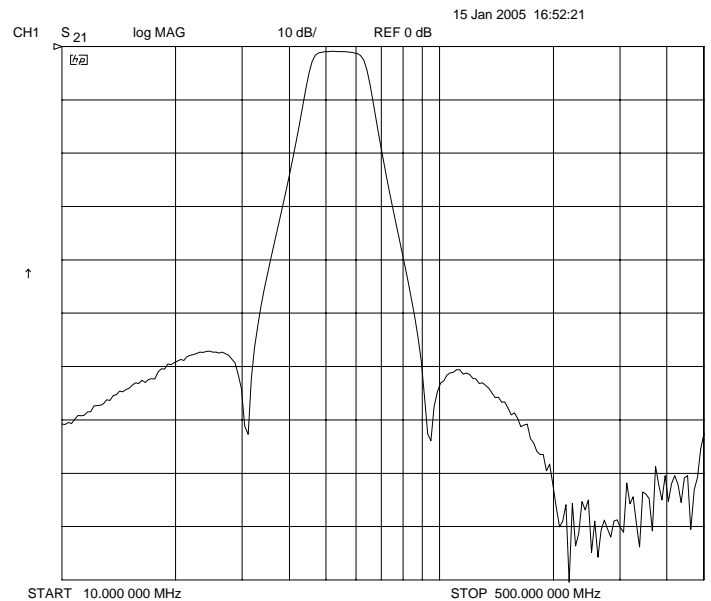
- 53.9 MHz Elliptic Bandpass
- 50  $\Omega$
- SMA Connectors

## Typical Performance

**Passband Amplitude & Group Delay**  
(1 dB/div & 100 nsec/div)



**Overall Response**  
(10 dB/div)



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# KR Electronics 2590-2

## Specifications

| Parameter                       | Specification            |
|---------------------------------|--------------------------|
| Filter type                     | Bandpass                 |
| Center Frequency                | 53.9 MHz                 |
| Insertion Loss                  | < 2.5 dB ( 1 dB typical) |
| Minimum 1.5 dB Bandwidth        | 11.8 MHz                 |
| Attenuation at 23.9 MHz & below | > 50 dB                  |
| Attenuation at 92.1 MHz & above | > 50 dB                  |
| Source & Load                   | 50 Ω                     |

## Physical Dimensions

