

General Description

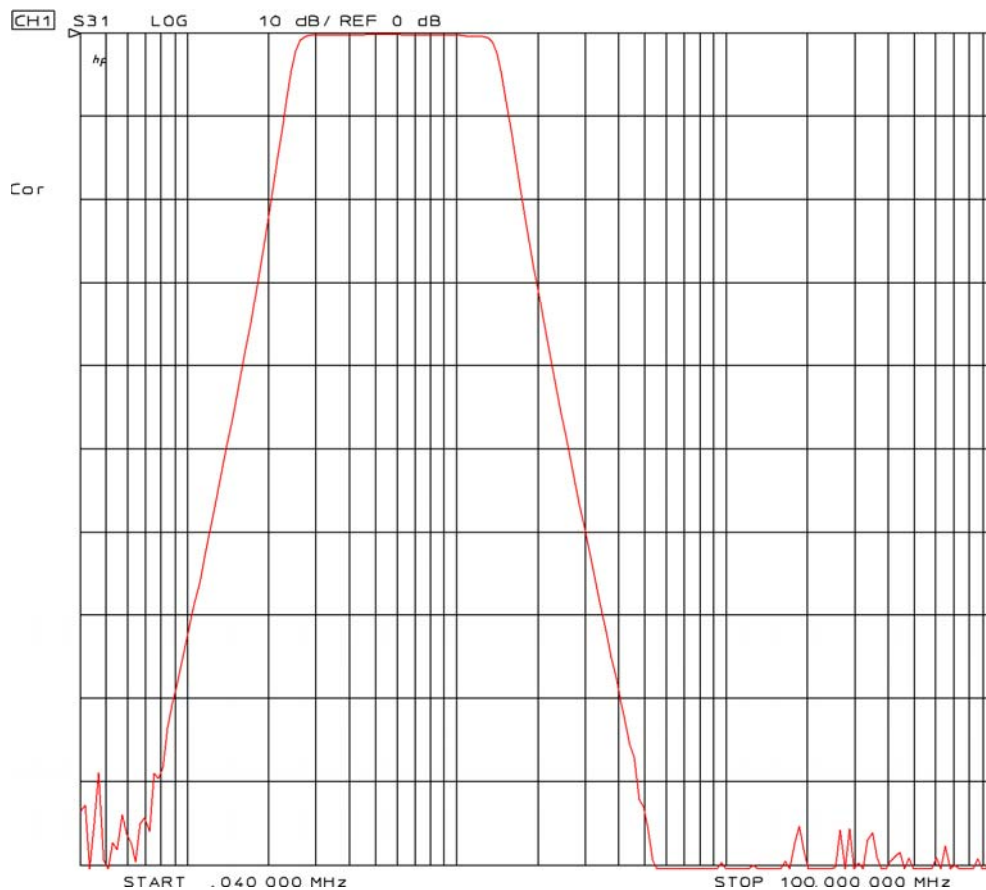
KR Electronics 3205-BNC is a 770 KHz bandpass filter. The filter has a minimum 1 dB bandwidth of 1 MHz and is designed for a source and load impedance of 50 Ω . Other passband frequencies are available. Please consult the factory.

Features

- 770 KHz Bandpass Filter
- 1 dB Bandwidth 1 MHz min (270 KHz to 1270 KHz)
- Flat Passband Response
- 50 Ω Source & Load
- BNC Connectors
- Other configurations available

Typical Performance

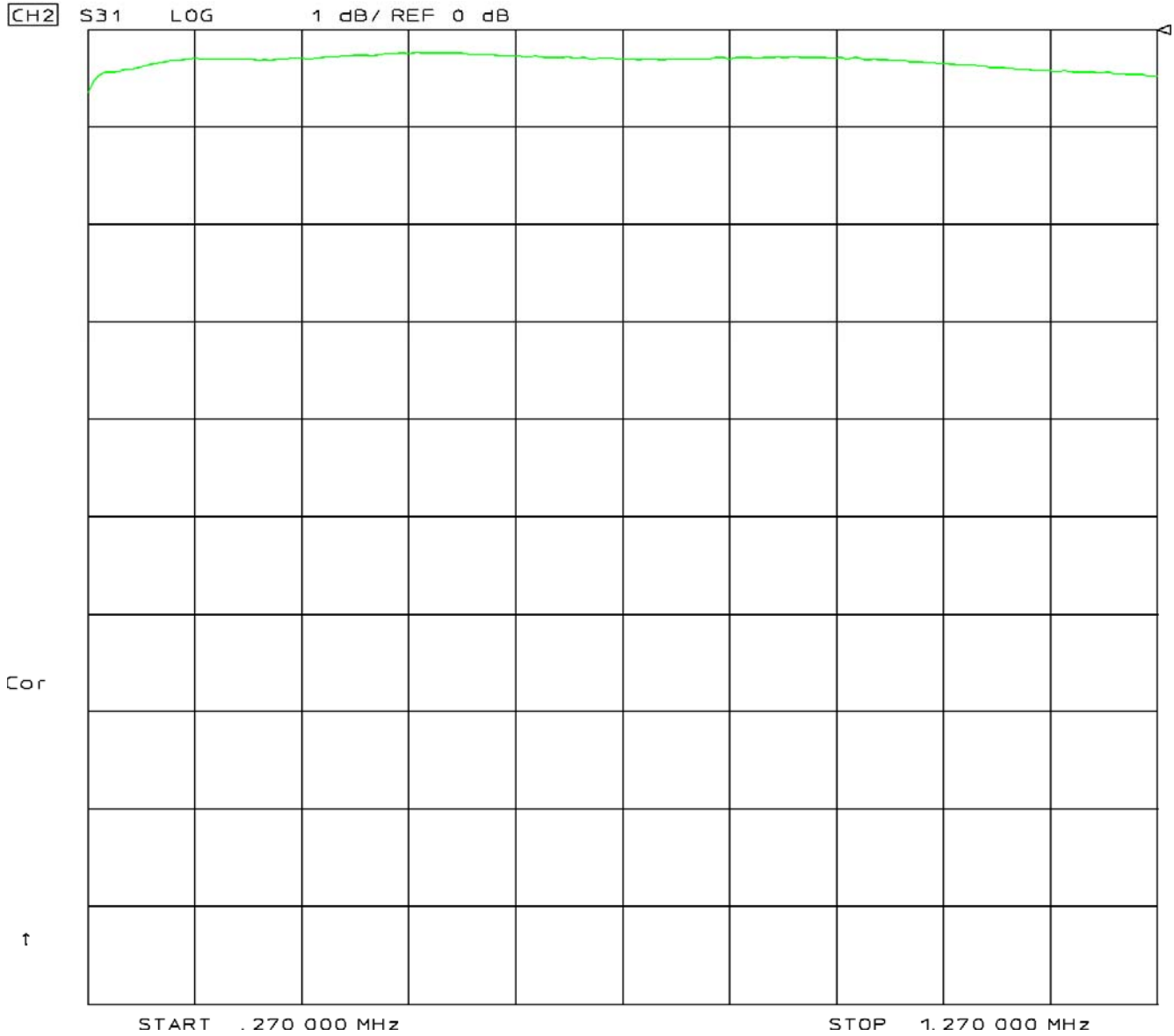
Overall Response
(10 dB/div)



KR Electronics 3205-BNC

Typical Performance

Passband Amplitude
(1 dB/div)

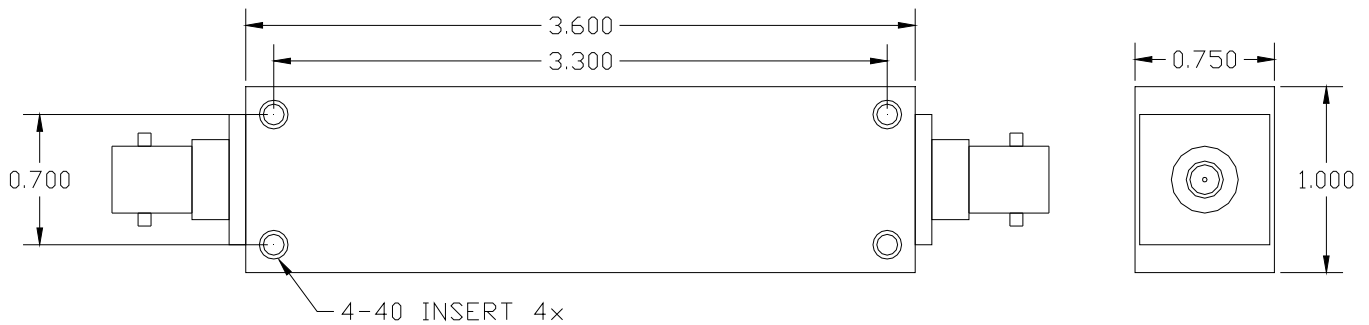


KR Electronics 3205-BNC

Specifications

| Parameter | Specification | Notes |
|---------------------------|------------------|-----------------|
| Filter type | Bandpass | |
| Insertion Loss at 770 KHz | 1 dBa max | 0.25 dB typical |
| Attenuation at 270 KHz | 1 dBc max | |
| Attenuation at 1270 KHz | 1 dBc max | |
| 1 dBc Bandwidth | 1 MHz min | 1.1 MHz typical |
| 3 dBc Bandwidth | 1.77 MHz typical | |
| 40 dBc Bandwidth | 2.1 MHz typical | |
| 60 dBc Bandwidth | 2.88 MHz typical | |
| Source and Load | 50 Ω | |

Physical Dimensions



Notes:

1. Dimensions in inches
2. BNC(F)/BNC(F) Connectors
3. Rectangular case

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