

New
SAW Filters



Part Number: CBPFS-0433
Center Frequency 433.92 MHz
Band Pass Width 10 MHz



Features:

- SAW Band Pass Filter
- 50 Ω SMA Connectors

Applications:

- Test Equipment
- Lab Use

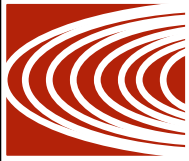
Maximum Ratings:

- +10 dBm
- Operating Temperature: -40°C to 85°C
- Storage Temperature: -40°C to 85°C

Crystek's new line of SAW Band Pass Filters are designed in a rugged SMA housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.

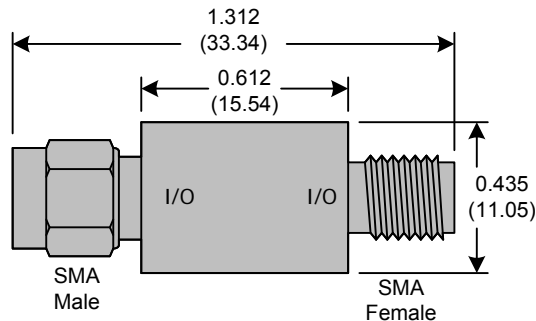
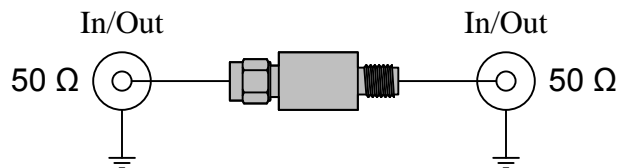
Product Control:

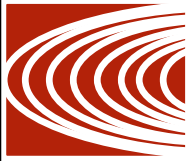
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|----------------------|------------|---------------|---------------|
| Crystek Part Number: | CBPFS-0433 | Release Date: | 08-Jan-2013 |
| Revision Level: | B | Responsible: | K. Piotrowicz |



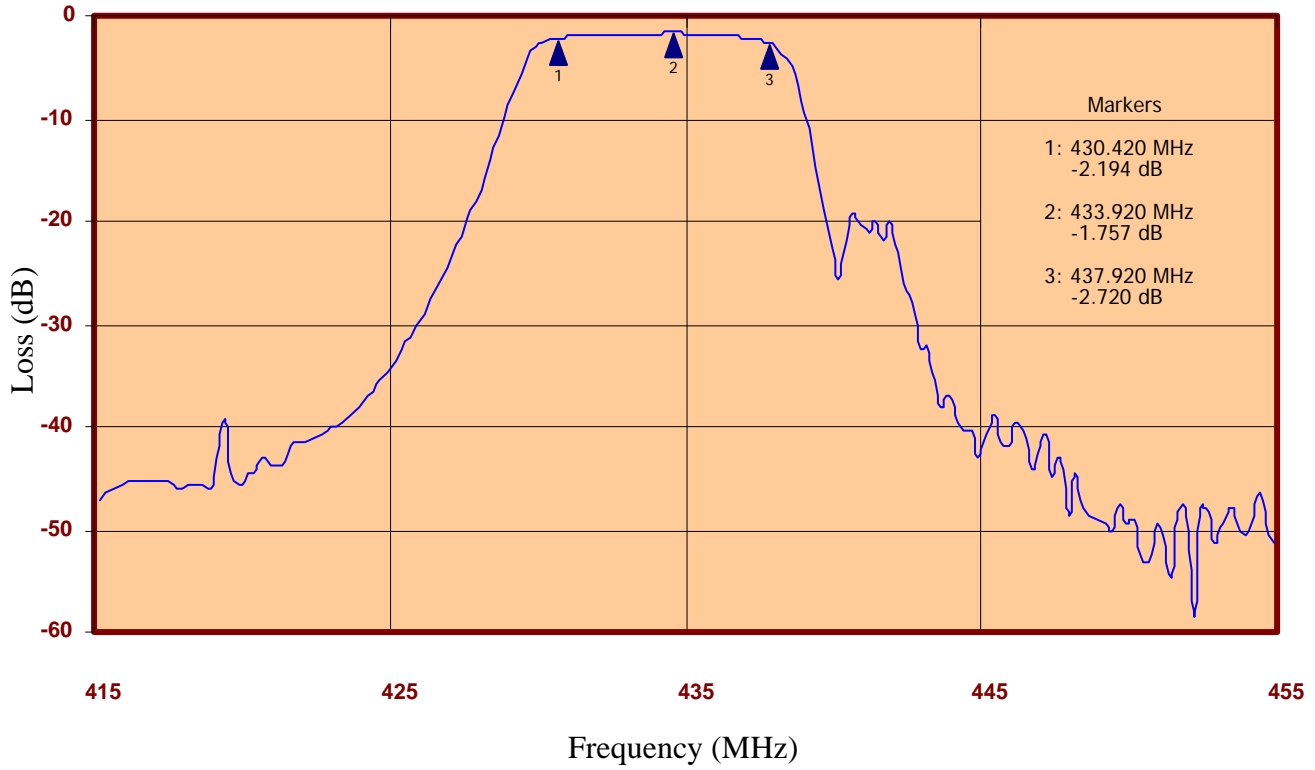
| PERFORMANCE SPECIFICATION | MIN | TYP | MAX | UNITS |
|--------------------------------|-----|---------|-----|--------------------|
| Center Frequency: | | 433.920 | | MHz |
| Pass Bandwidth: | | 10 | | MHz |
| Insertion Loss: | | 2.0 | | dB |
| Amplitude Ripple: | | 0.3 | | dB |
| Attenuation: 389 – 392 MHz | | 55 | | dB |
| Attenuation: 411 – 414 MHz | | 50 | | dB |
| Attenuation: 454 – 457 MHz | | 28 | | dB |
| Attenuation: 475.5 – 478.5 MHz | | 50 | | dB |
| Impedance: | | 50 | | Ω |
| Operating Temperature Range: | -40 | | +85 | $^{\circ}\text{C}$ |
| Storage Temperature Range: | -40 | | +85 | $^{\circ}\text{C}$ |

Schematic

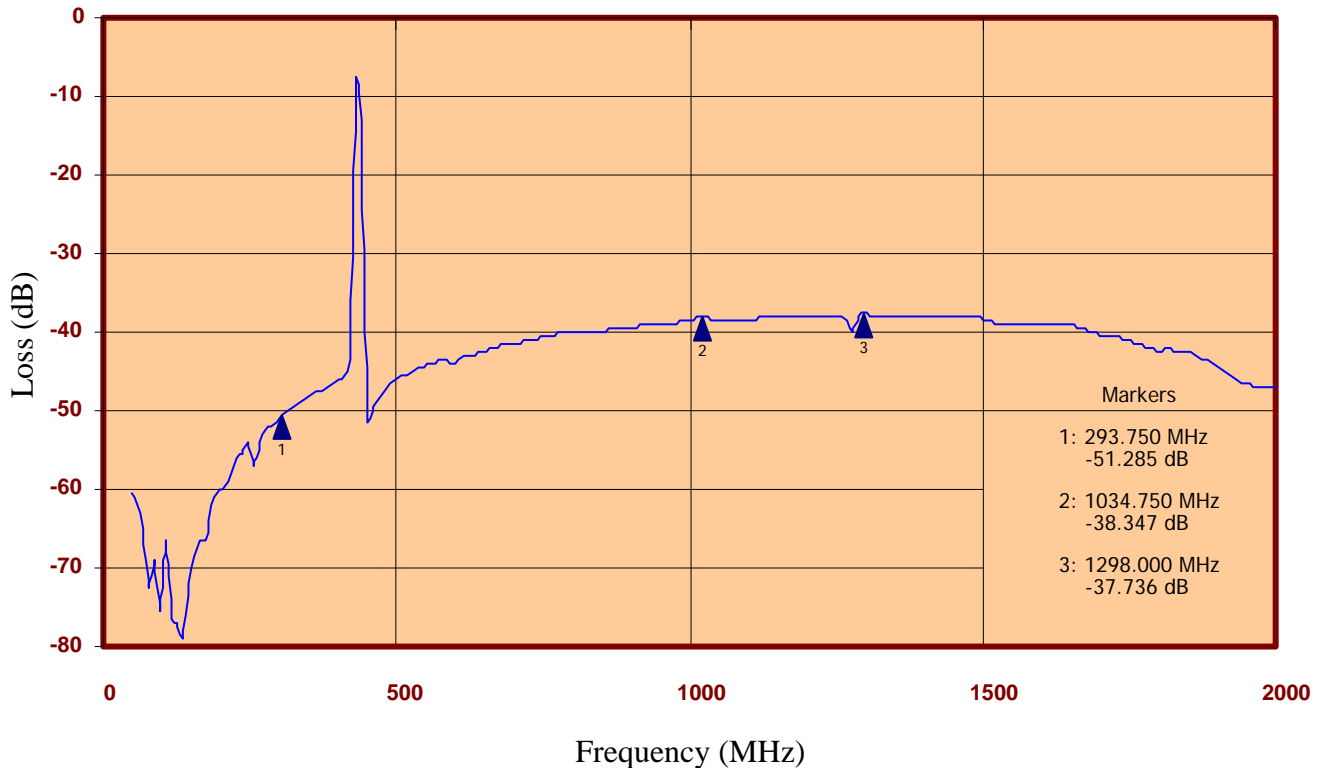


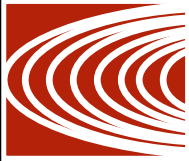


Typical Frequency Characteristics [close in]

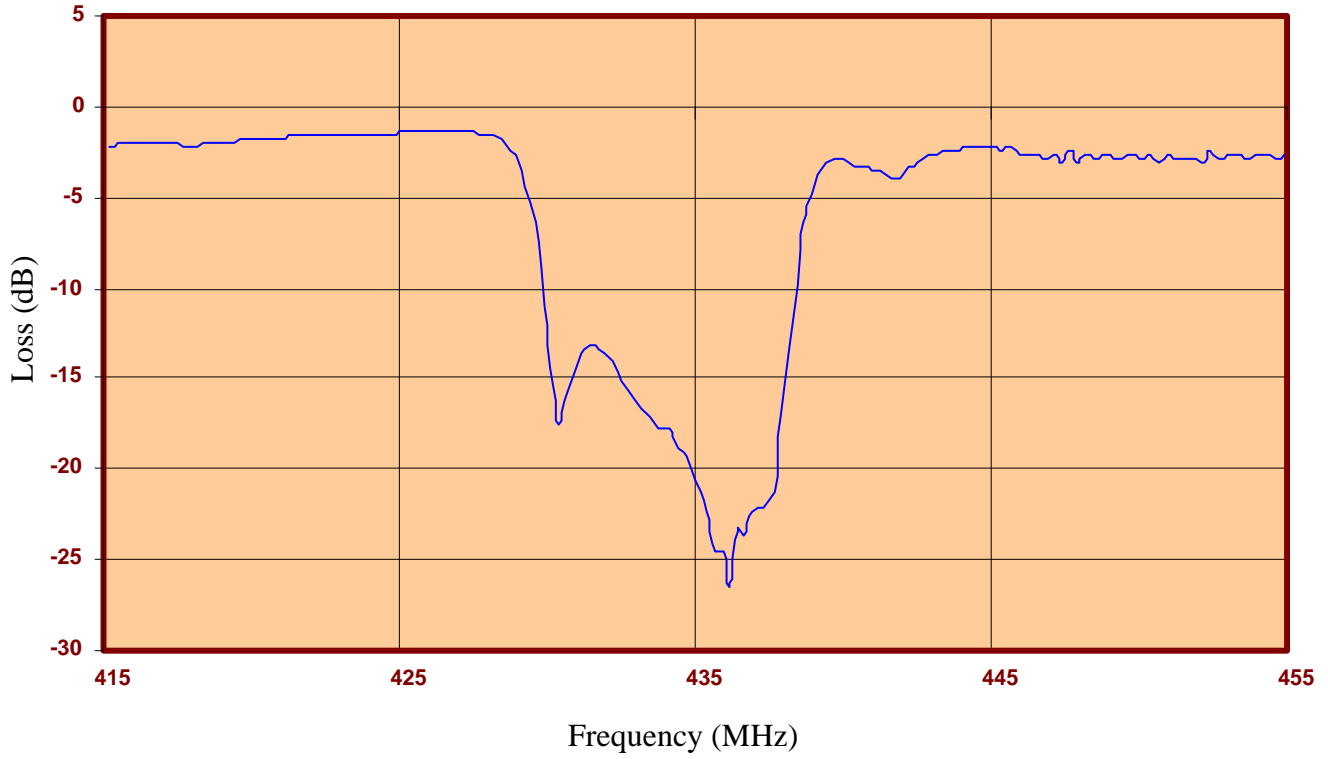


Typical Frequency Characteristics [full span]





Male Side Return Loss



Female Side Return Loss

