

Part Number: CBPFS-0836  
Center Frequency 836.5 MHz  
Band Pass Width 25 MHz



### Features:

- SAW Band Pass Filter
- 50 Ω SMA Connectors

### Applications:

- Test Equipment
- Lab Use

### Maximum Ratings:

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

Crystek's 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.

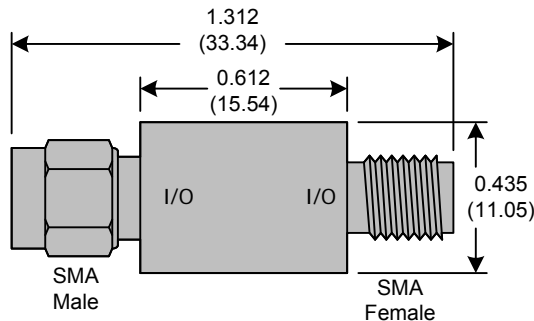
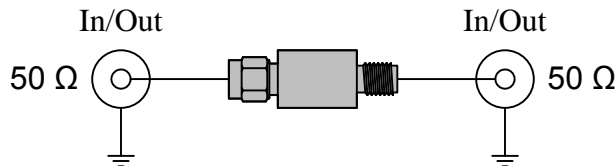
#### Product Control:

Crystek Part Number:	CBPFS-0836	Release Date:	30-Nov-2015
Revision Level:	H	Responsible:	K. Piotrowicz



PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Center Frequency:		836.500		MHz
Pass Bandwidth:		25		MHz
Insertion Loss:		1.8		dB
Amplitude Ripple:		0.7		dB
Attenuation: DC – 800 MHz		51		dB
Attenuation: 869 – 894 MHz		27		dB
Attenuation: 894 – 1049 MHz		40		dB
Attenuation: 1049 – 1200 MHz		48		dB
Attenuation: 1200 – 2000 MHz		45		dB
VSWR:			2:1	
Impedance:		50		$\Omega$
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-40		+85	$^{\circ}\text{C}$

Schematic

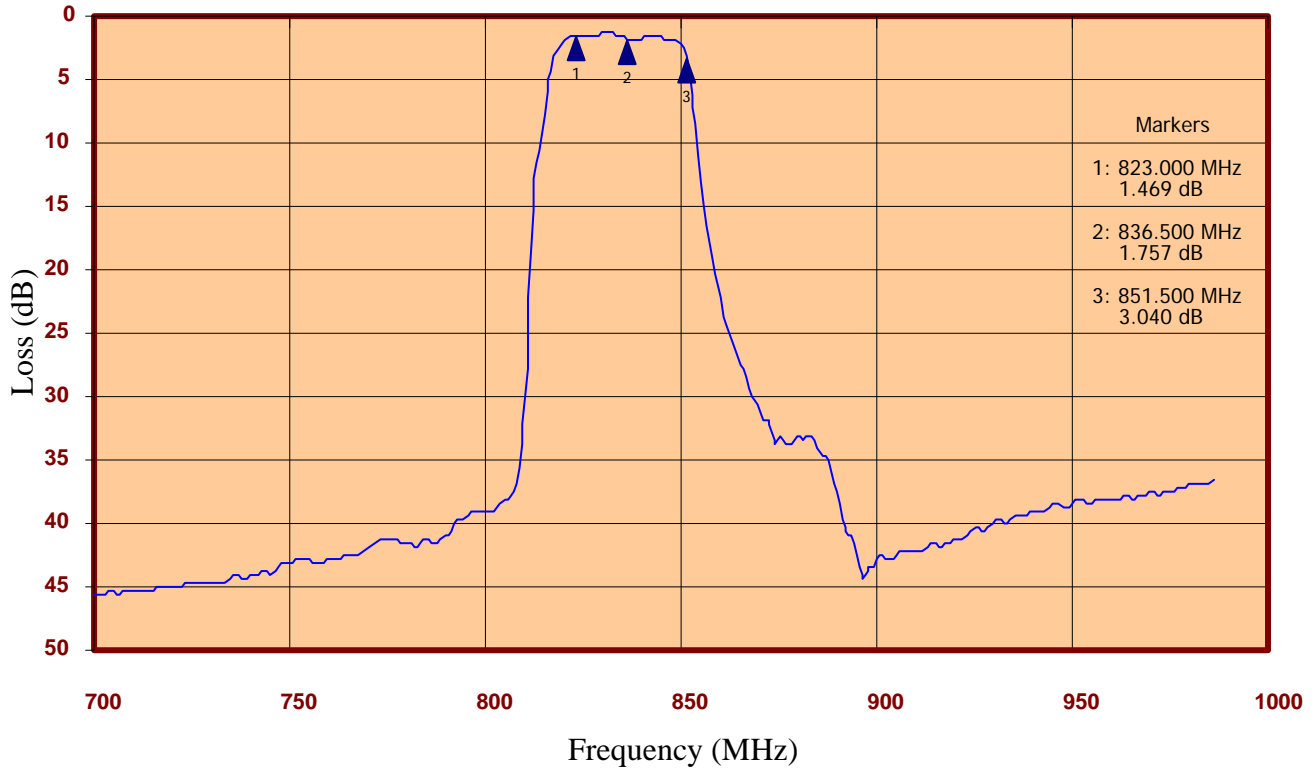


Rev H

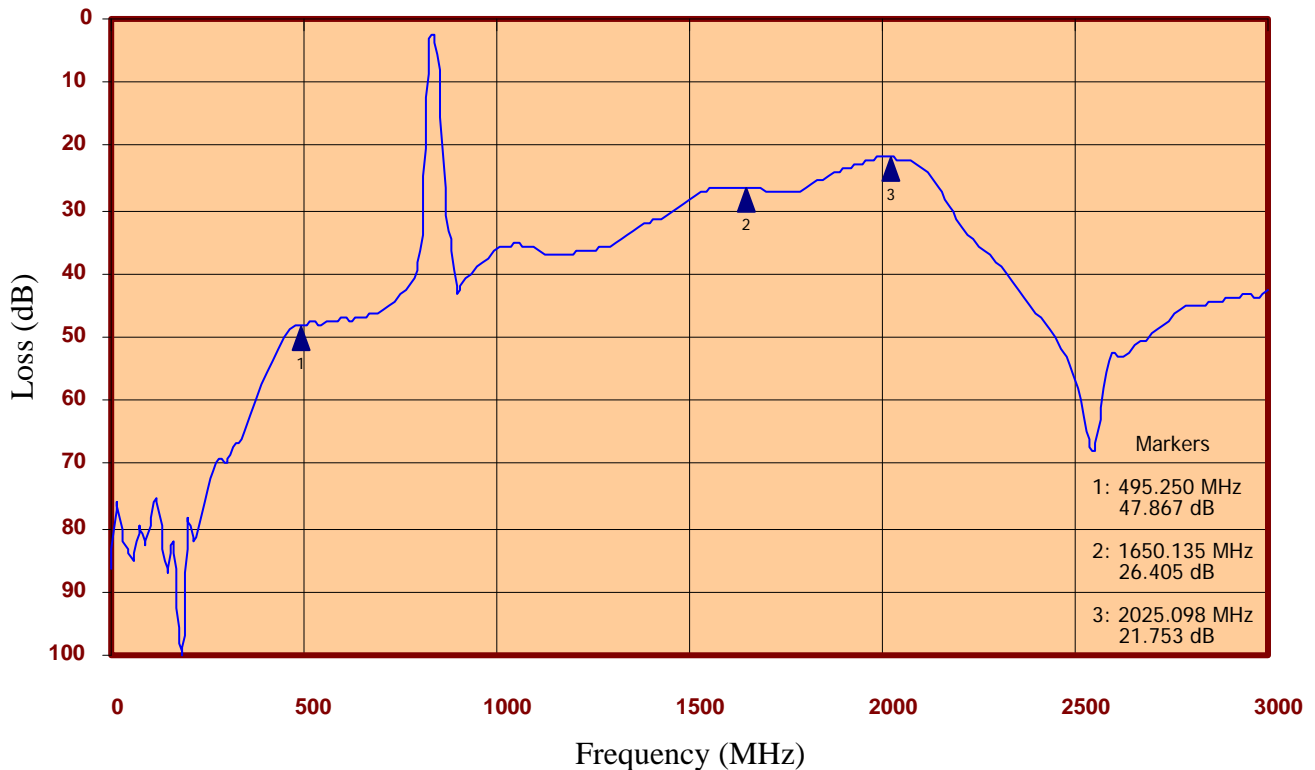




Typical Frequency Characteristics [close in]

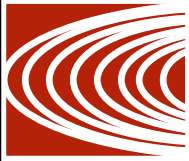


Typical Frequency Characteristics [full span]

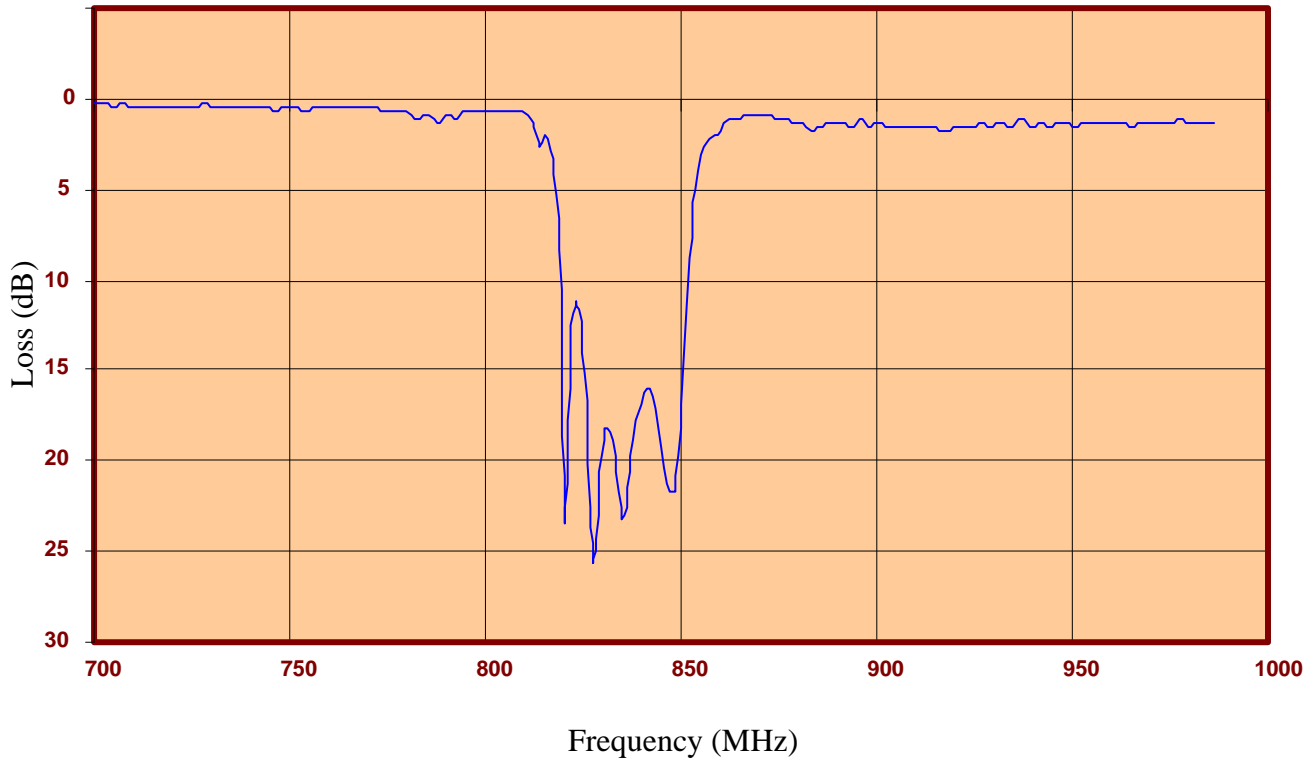


Rev H

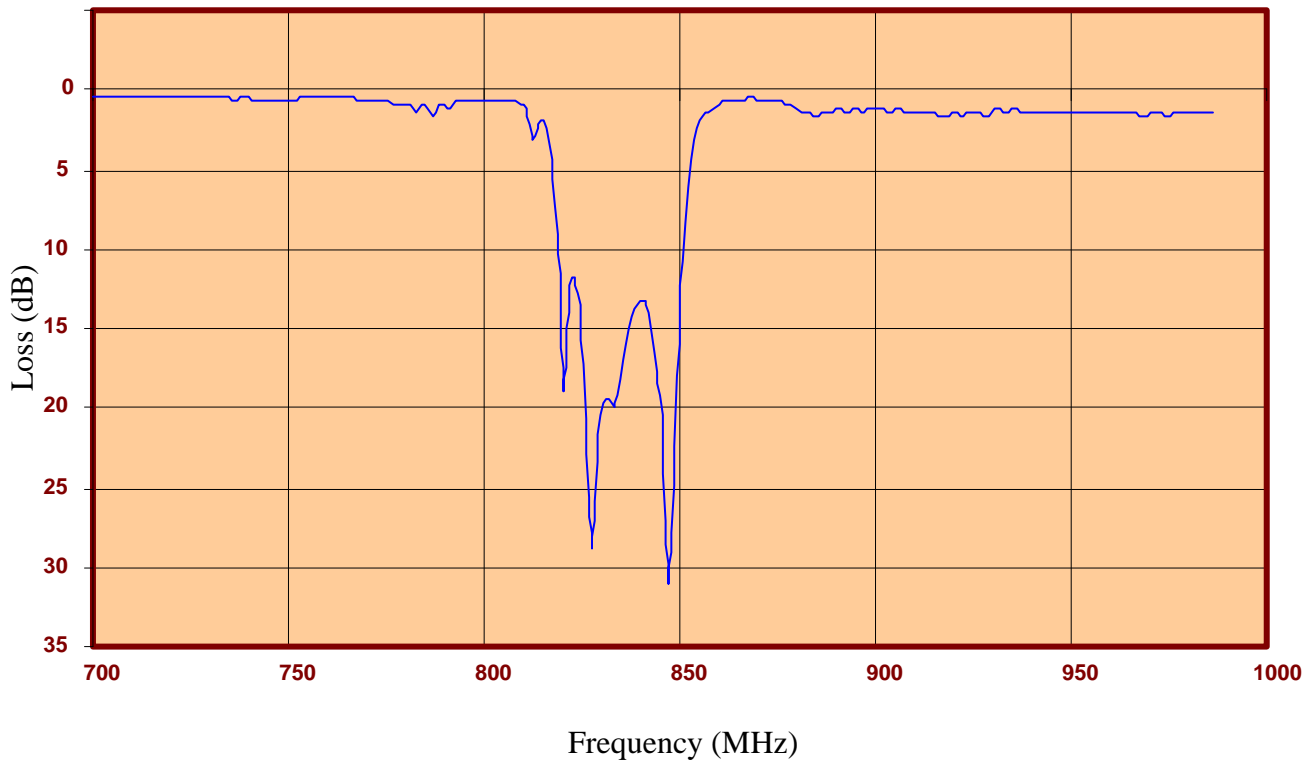




Male Side Return Loss



Female Side Return Loss



Rev H

