

Part Number: CBPFS-0866  
Center Frequency 866.5 MHz  
Band Pass Width 7 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

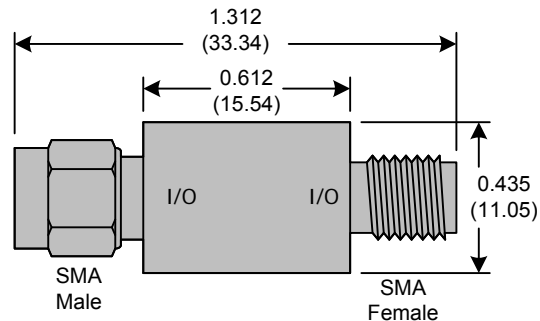
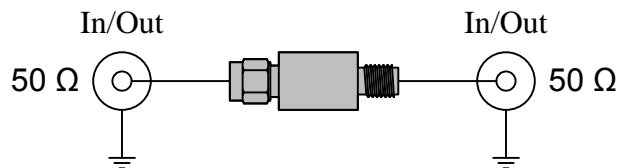
Crystek's line of SAW Band Pass Filters are designed in a rugged SMA housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.

#### Product Control:

Crystek Part Number:	CBPFS-0866	Release Date:	08-Feb-2016
Revision Level:	E	Responsible:	K. Piotrowicz

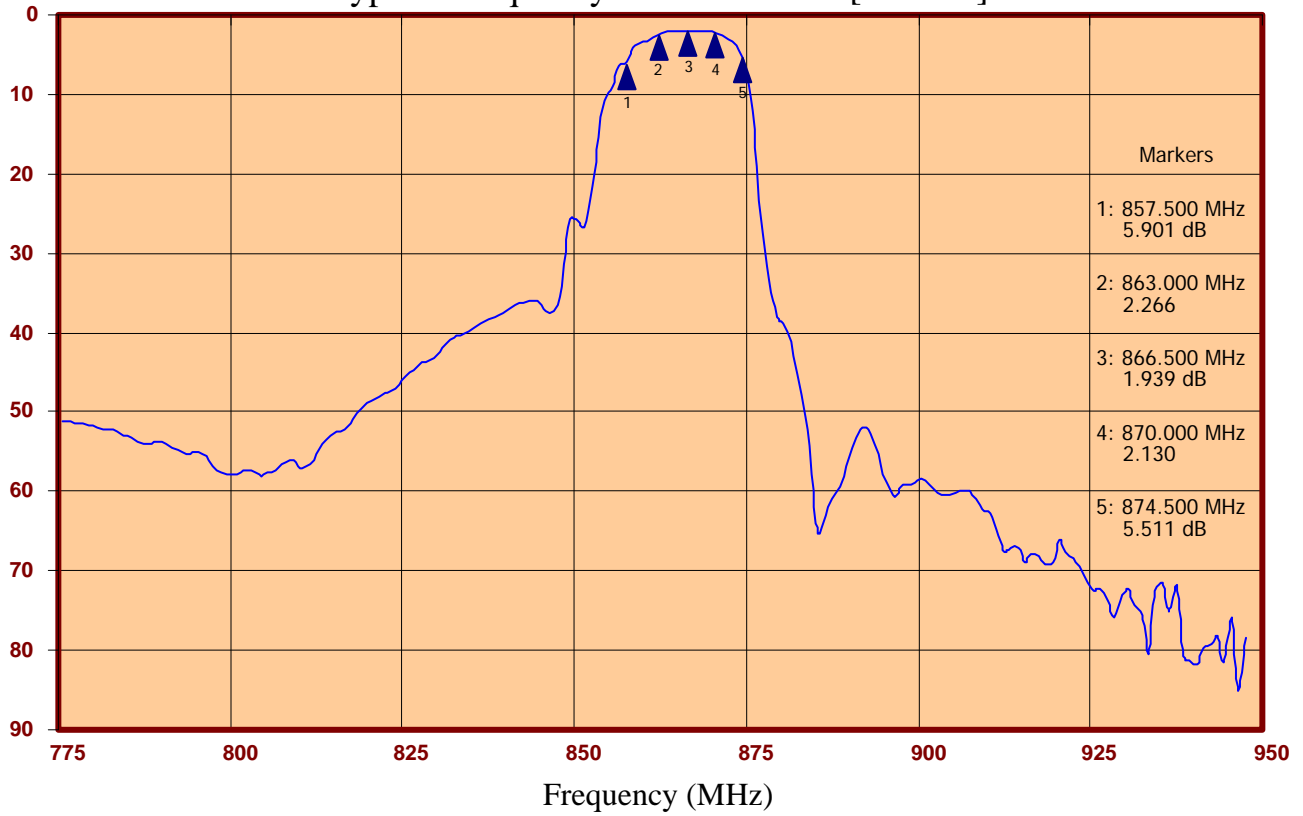
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Center Frequency:		866.5		MHz
Pass Bandwidth:		7		MHz
Insertion Loss:		2.2	3.0	dB
Amplitude Ripple:		0.3		dB
Attenuation: 50 – 830 MHz	40	45		dB
Attenuation: 830 – 845 MHz	30	40		dB
Attenuation: 880 – 885 MHz	25	40		dB
Attenuation: 885 – 888 MHz	35	50		dB
Attenuation: 888 – 1000 MHz	45	52		dB
VSWR:			2:1	
Impedance:		50		$\Omega$
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-40		+85	$^{\circ}\text{C}$

### Schematic

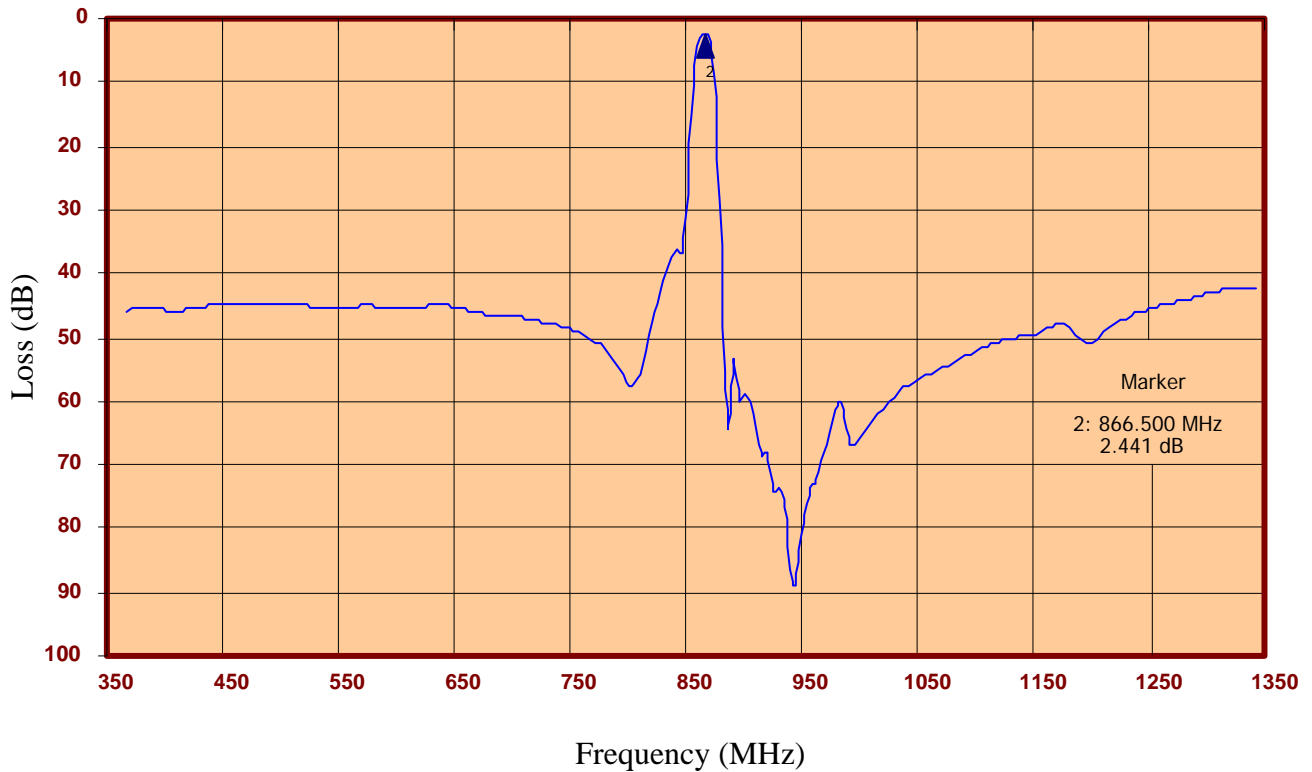




Typical Frequency Characteristics [close in]

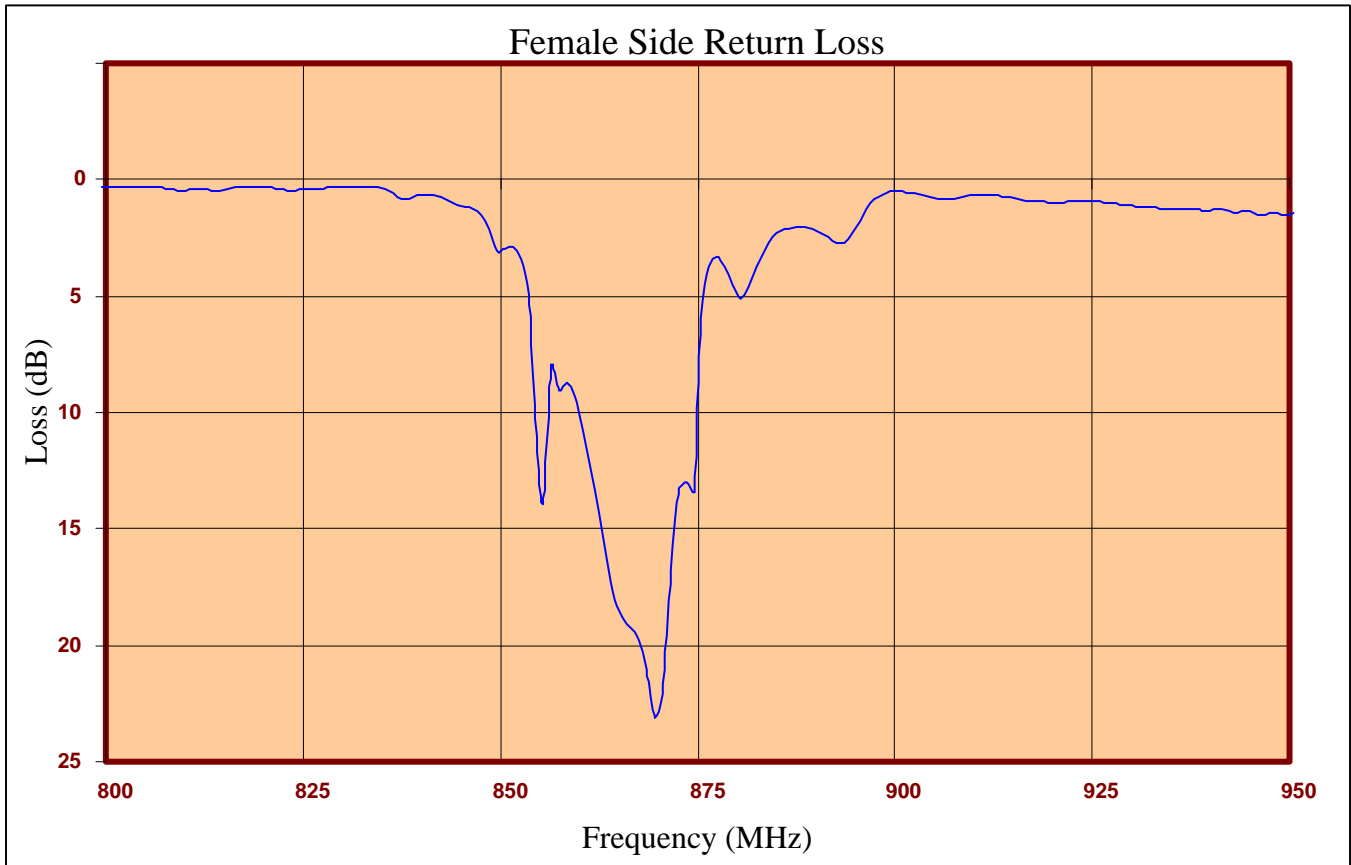
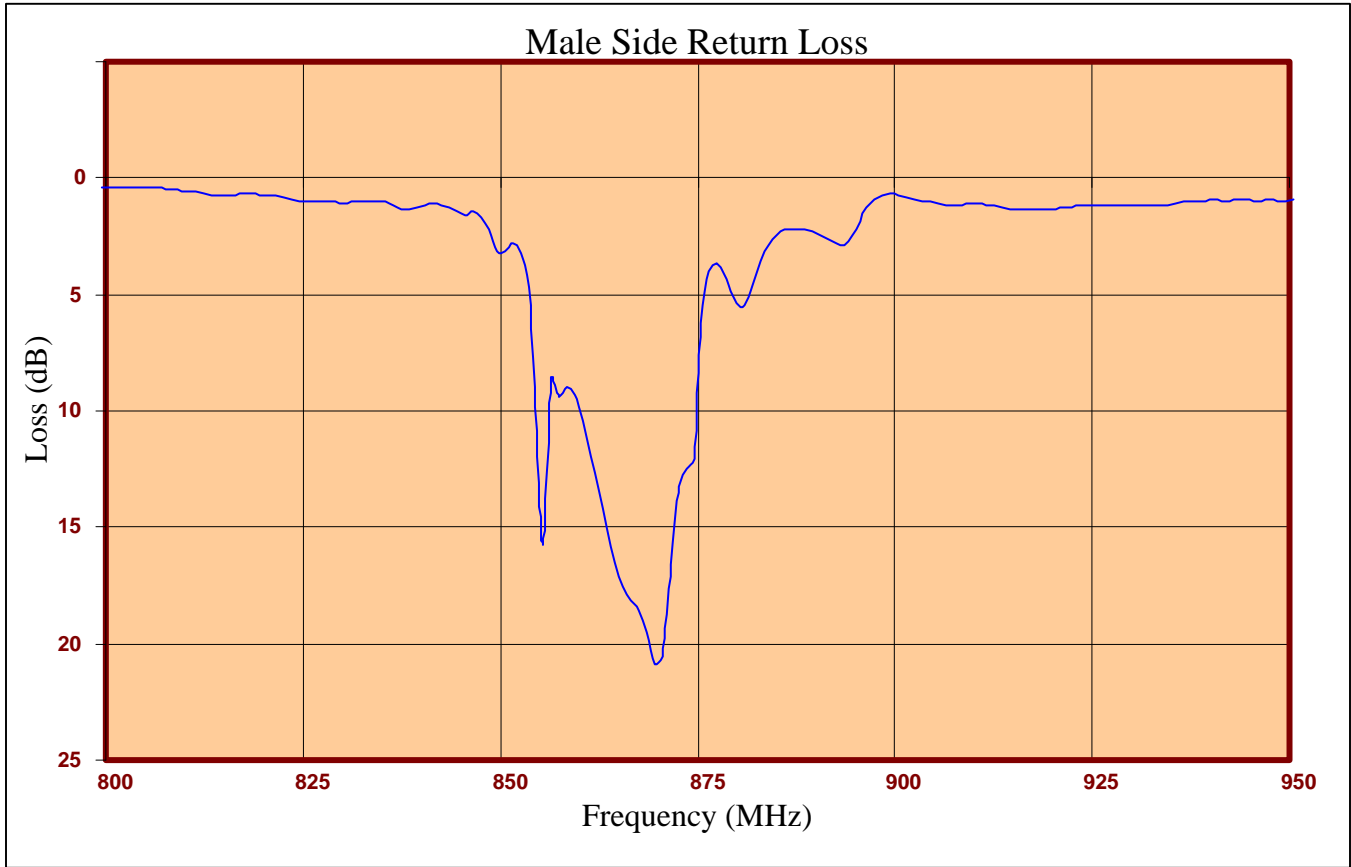
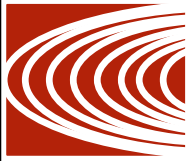


Typical Frequency Characteristics [full span]



Rev E





Rev E

