

Part Number: CBPFS-0881  
Center Frequency 881.5 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.

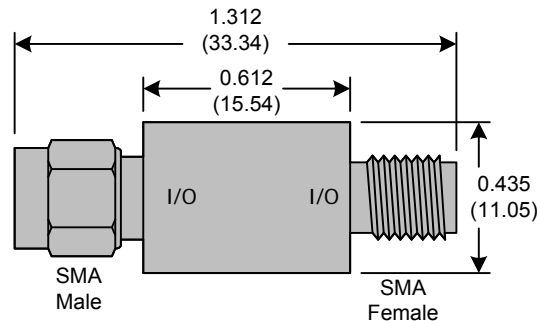
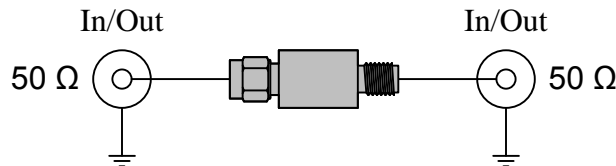
#### Product Control:

Crystek Part Number:	CBPFS-0881	Release Date:	08-Feb-2016
Revision Level:	H	Responsible:	K. Piotrowicz



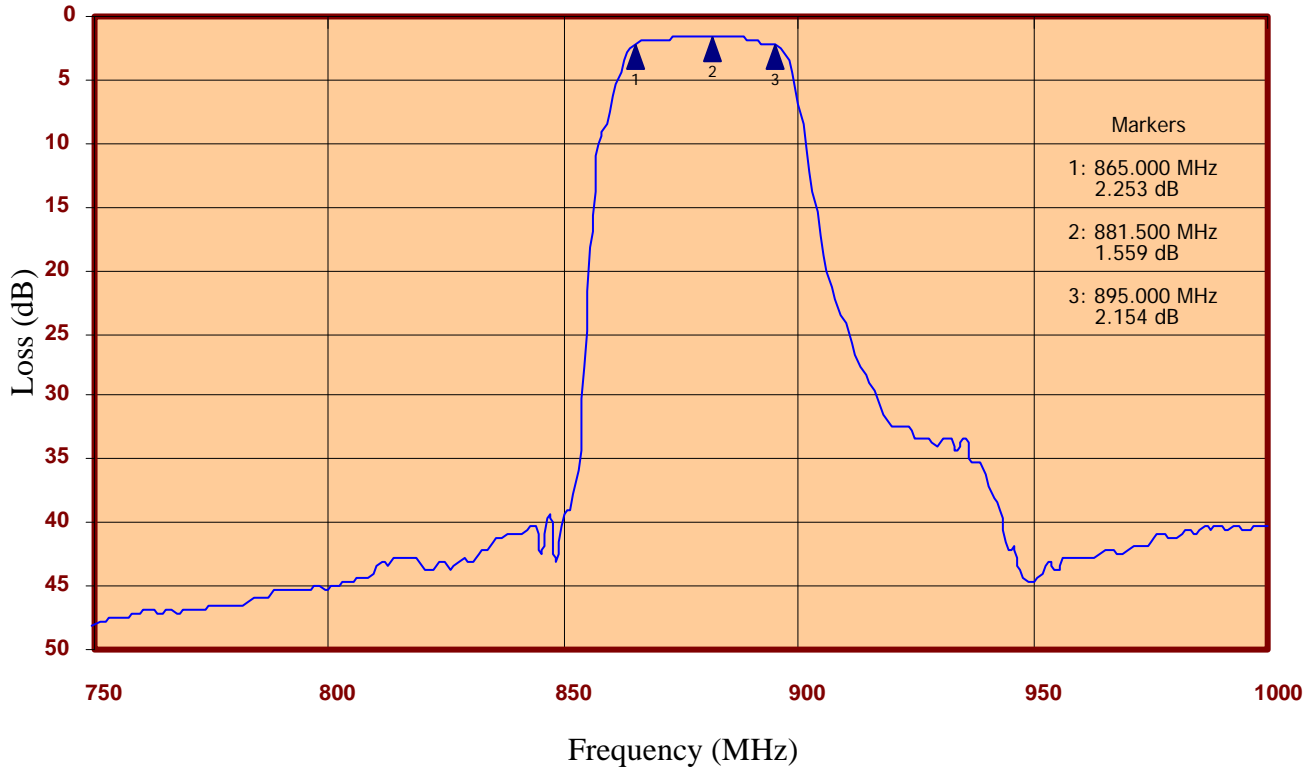
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Center Frequency:		881.500		MHz
Pass Bandwidth:		25		MHz
Insertion Loss:		2.2		dB
Amplitude Ripple:		0.7		dB
Attenuation: DC – 779 MHz		55		dB
Attenuation: 779 – 849 MHz		50		dB
Attenuation: 914 – 951 MHz		28		dB
Attenuation: 951 – 1049 MHz		50		dB
Attenuation: 1049 – 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

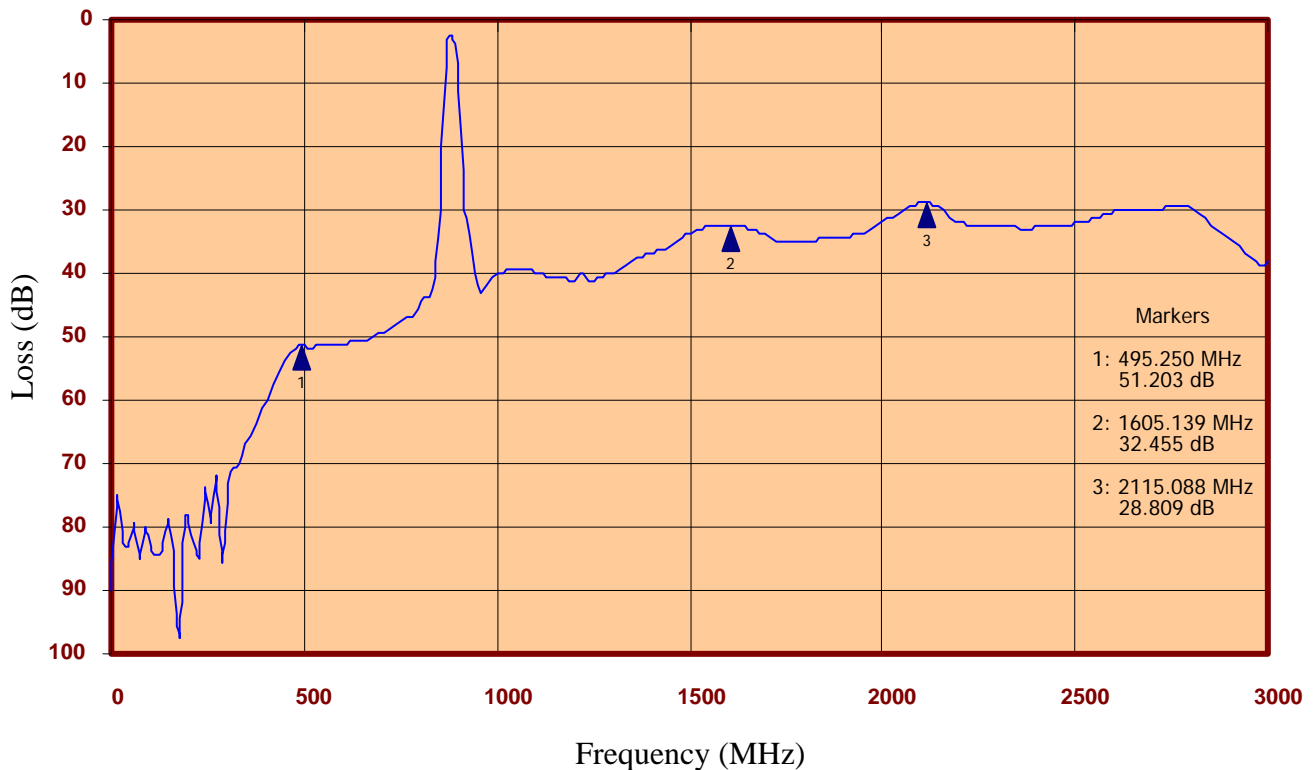




Typical Frequency Characteristics [close in]

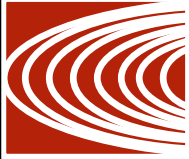


Typical Frequency Characteristics [full span]

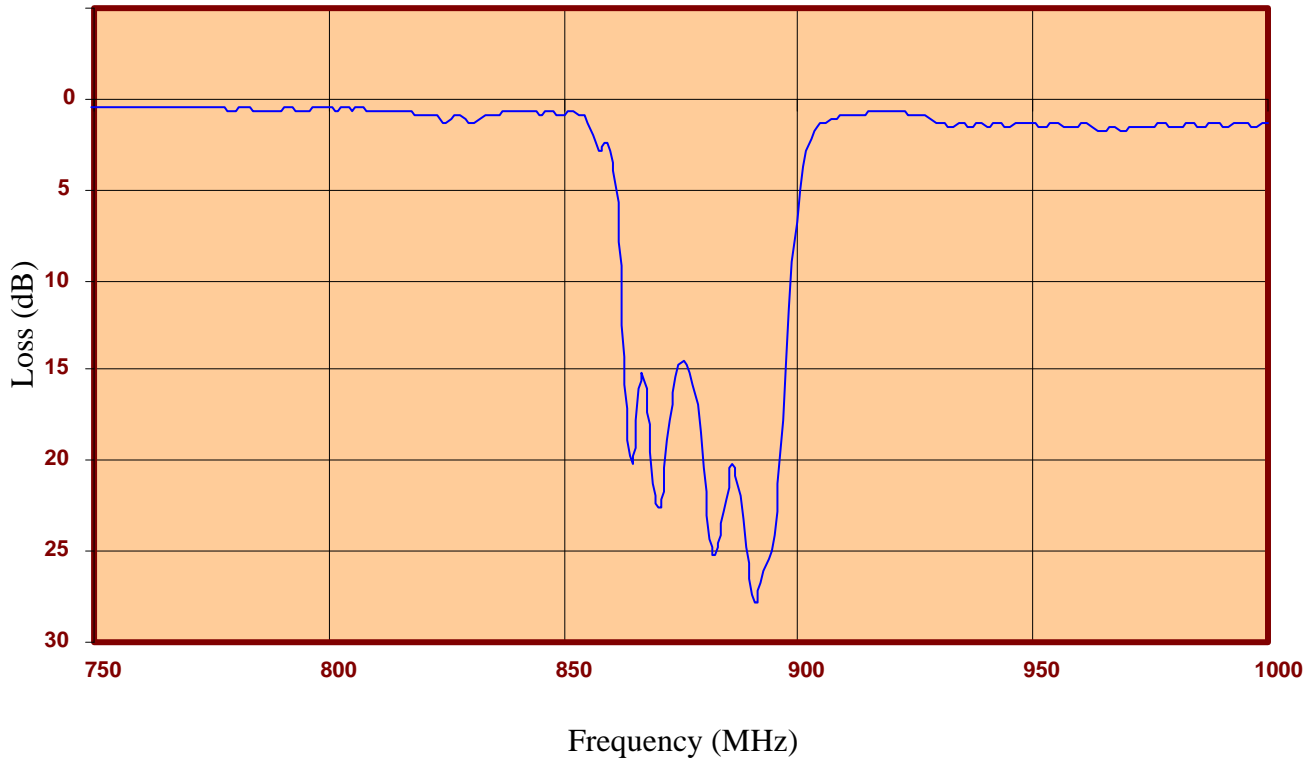


Rev H

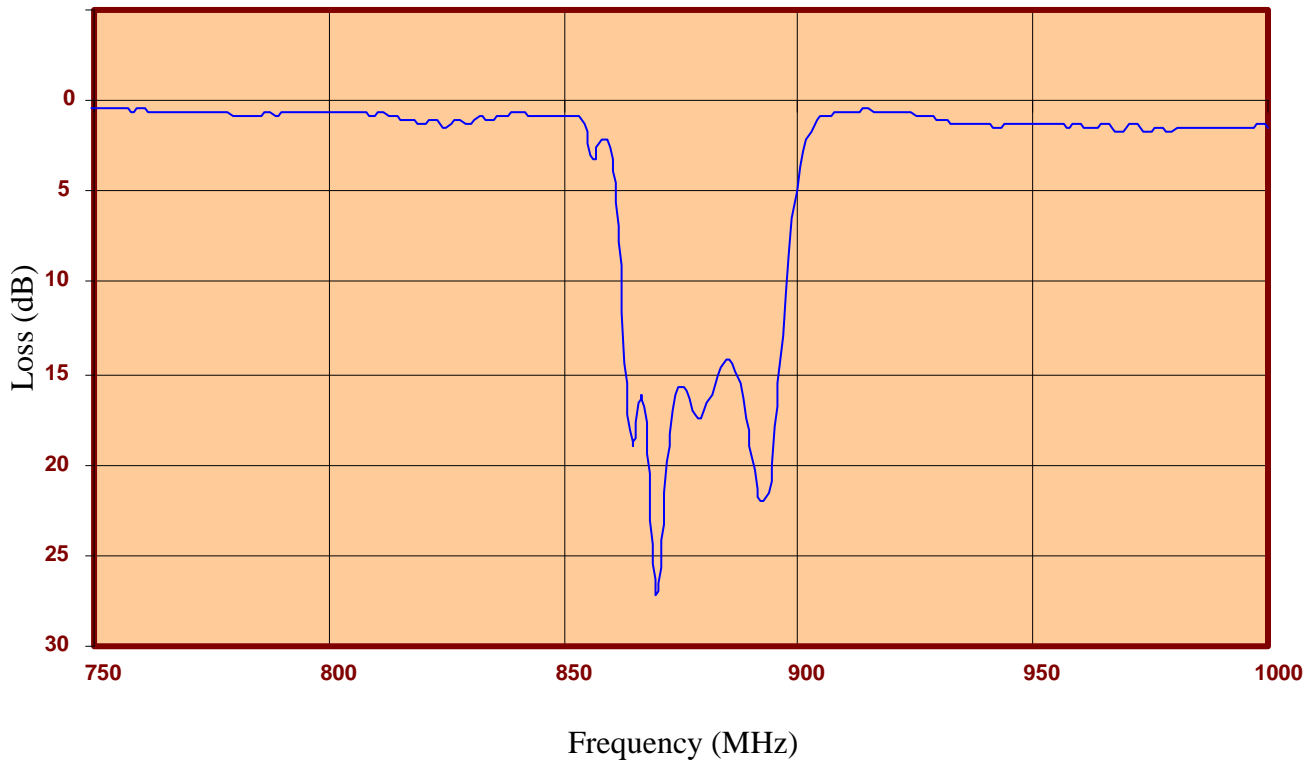




Male Side Return Loss



Female Side Return Loss



Rev H

