

Part Number: CBPFS-0915  
Center Frequency 915 MHz  
Band Pass Width 26 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.

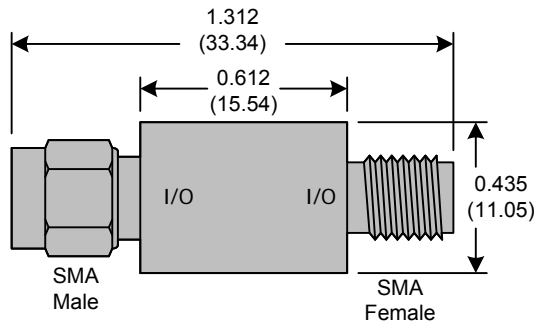
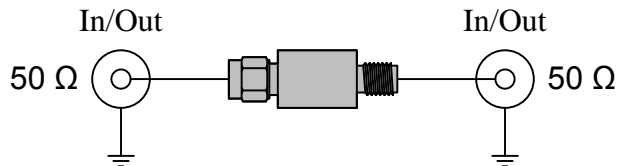
#### Product Control:

Crystek Part Number:	CBPFS-0915	Release Date:	08-Feb-2016
Revision Level:	F	Responsible:	K. Piotrowicz



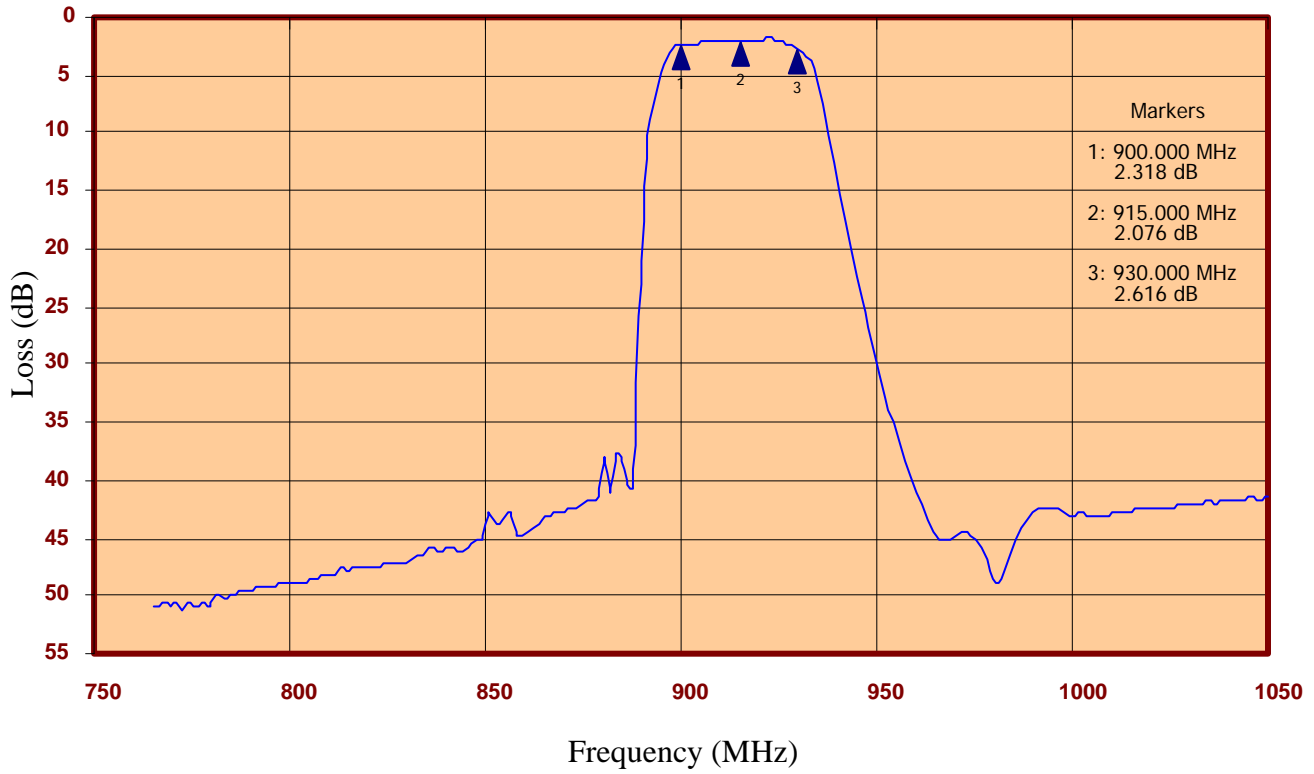
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Center Frequency:		915		MHz
Pass Bandwidth:		26		MHz
Insertion Loss:		2.2		dB
Amplitude Ripple:		0.6		dB
Attenuation: DC – 800 MHz		63		dB
Attenuation: 800 – 880 MHz		48		dB
Attenuation: 960 – 1080 MHz		39		dB
Attenuation: 1080 – 1500 MHz		65		dB
Attenuation: 1500 – 3000 MHz		28		dB
VSWR:		1.6	2.3	
Impedance:		50		$\Omega$
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-40		+85	$^{\circ}\text{C}$

Schematic

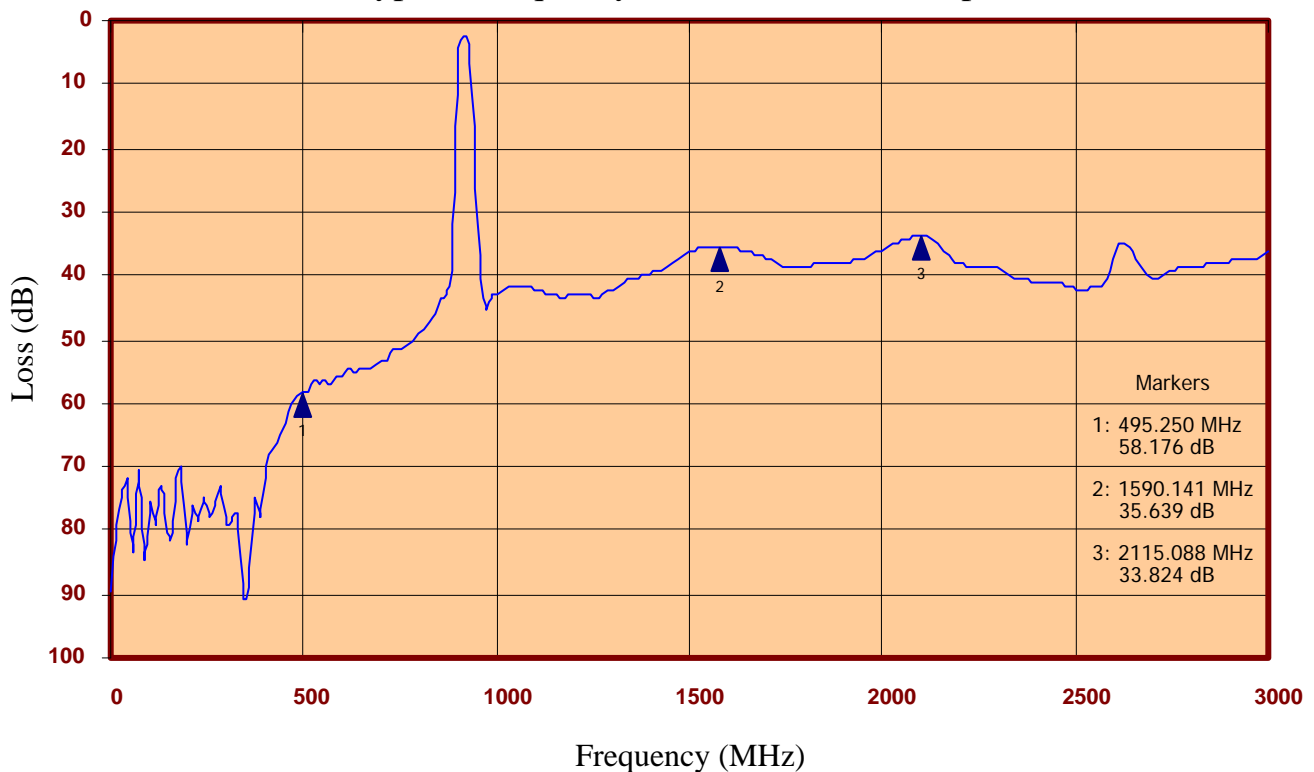




Typical Frequency Characteristics [close in]

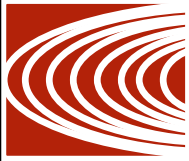


Typical Frequency Characteristics [full span]

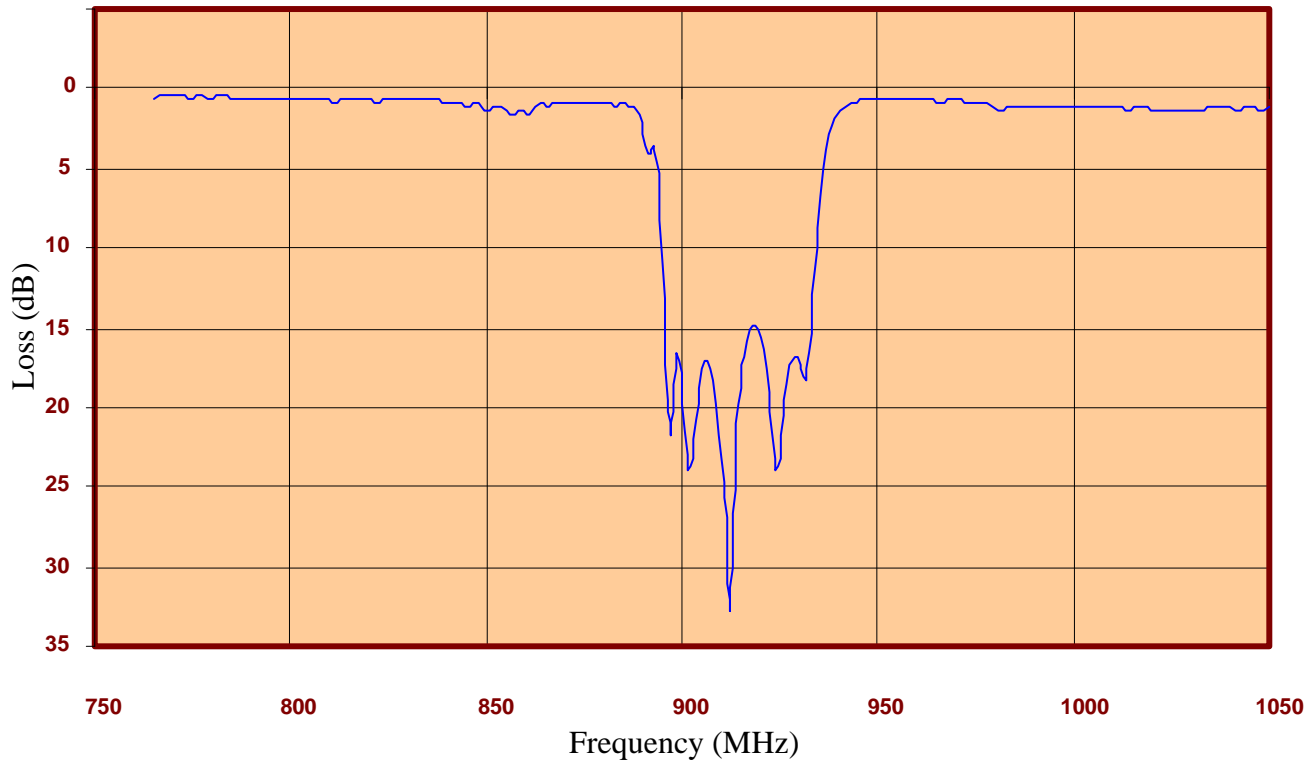


Rev F

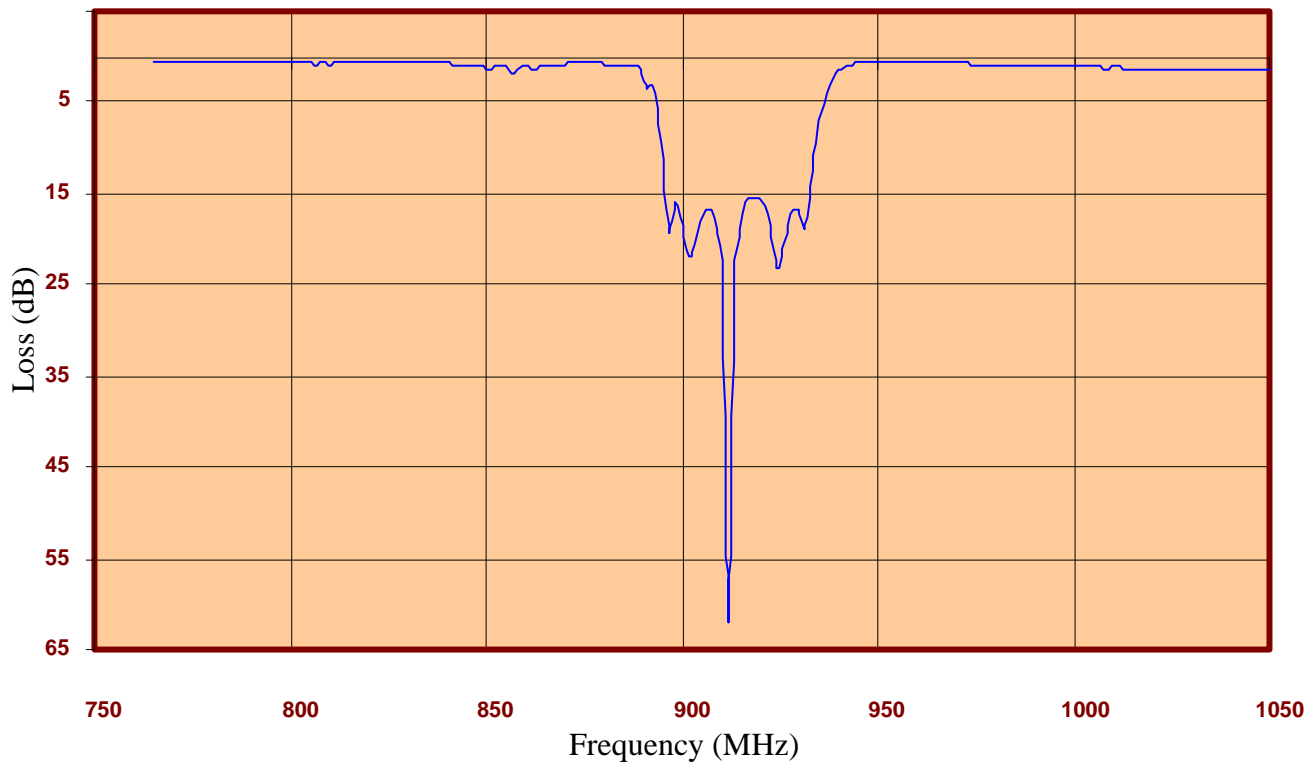




Male Side Return Loss



Female Side Return Loss



Rev F

