

Part Number: CBPFS-1575  
Center Frequency 1575.420 MHz  
Band Pass Width 60 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.

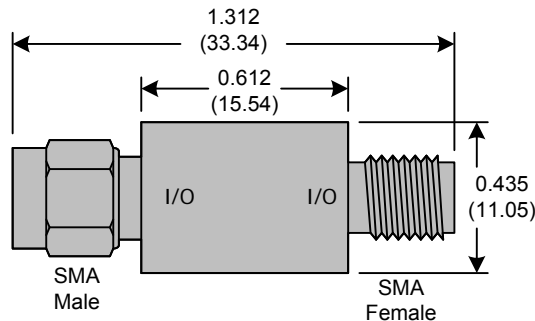
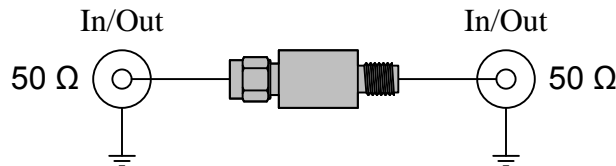
#### Product Control:

Crystek Part Number:	CBPFS-1575	Release Date:	08-Feb-2016
Revision Level:	F	Responsible:	K. Piotrowicz



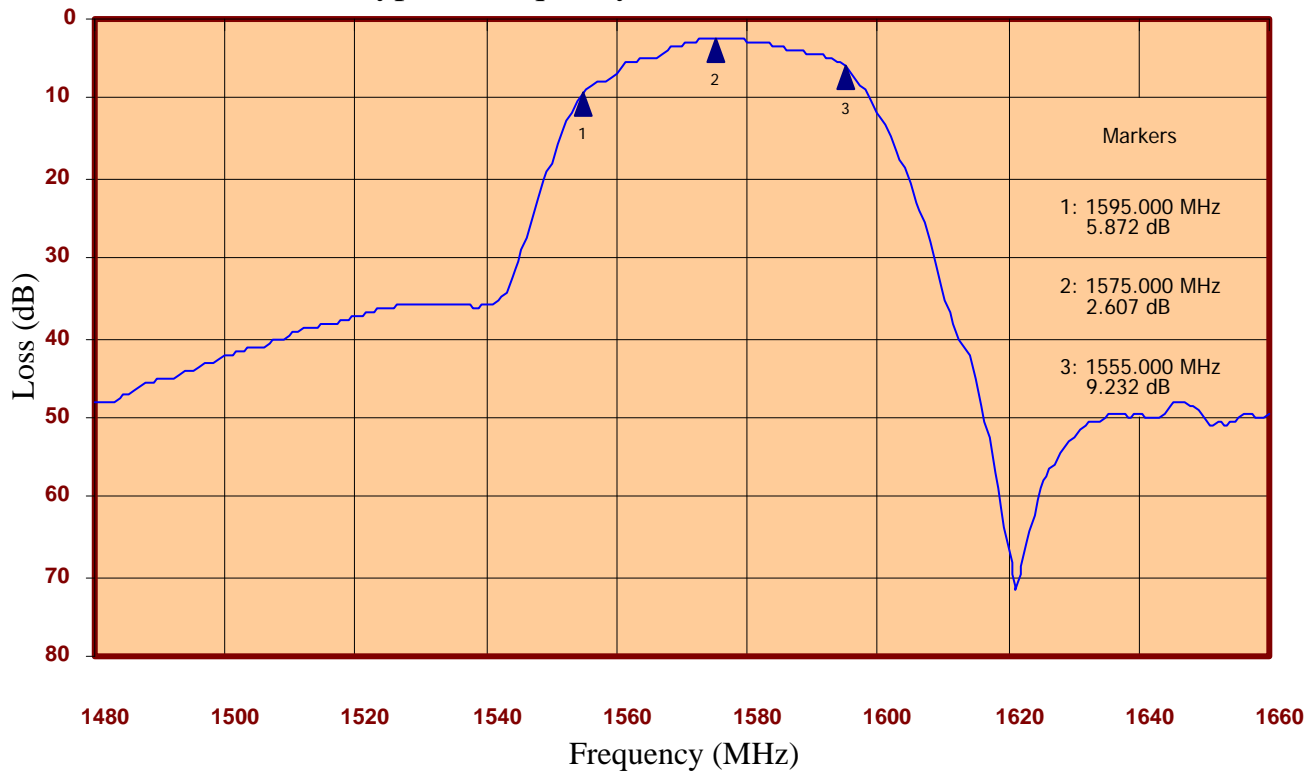
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Center Frequency:		1575.420		MHz
Pass Bandwidth:		60		MHz
Insertion Loss:		2.6	3.5	dB
Amplitude Ripple:		1.0		dB
Attenuation: DC – 1660 MHz		30		dB
Attenuation: 1660 – 1721 MHz		32.5		dB
Attenuation: 1721 – 1800 MHz		37		dB
Attenuation: 1930 – 1990 MHz		12		dB
Attenuation: 2000 – 2040 MHz		39		dB
Attenuation: 2040 – 2080 MHz		36		dB
Attenuation: 3700 – 3820 MHz		31		dB
VSWR:			2:1	
Impedance:		50		$\Omega$
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-40		+85	$^{\circ}\text{C}$

Schematic

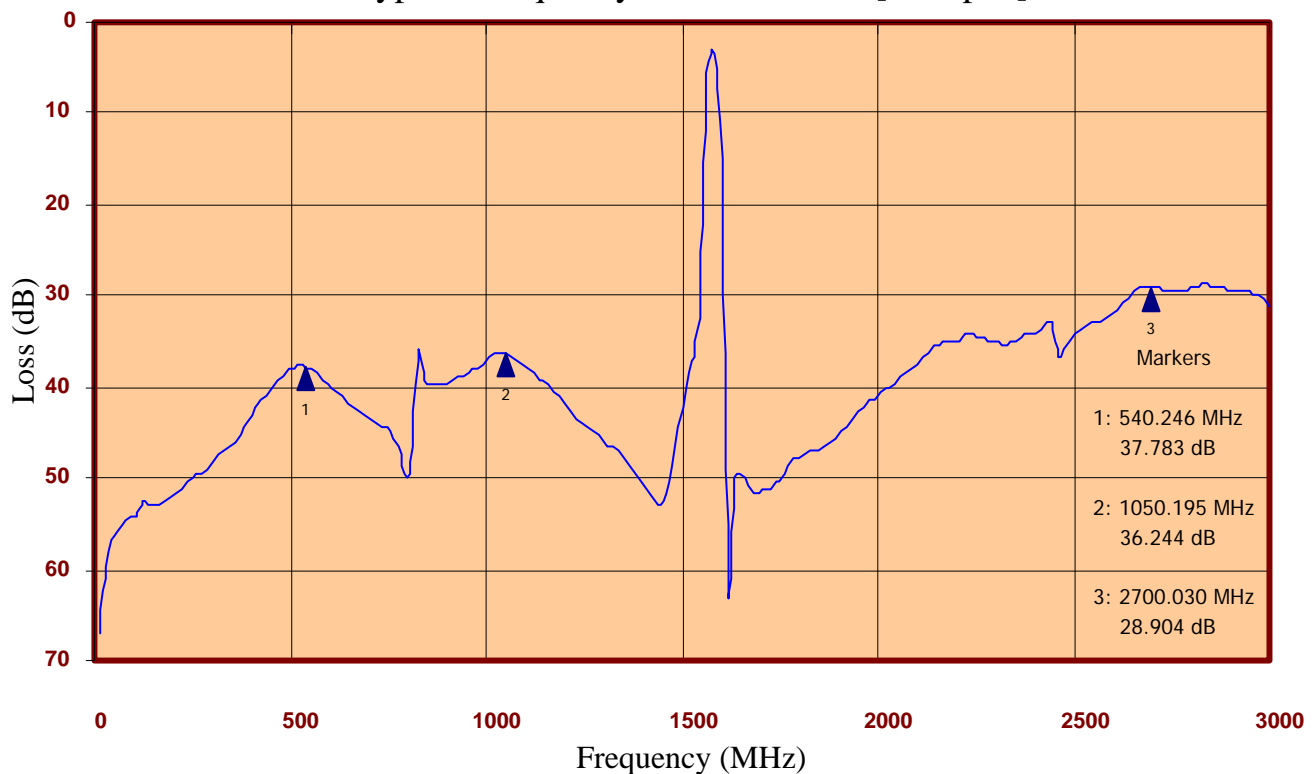




Typical Frequency Characteristics [close in]

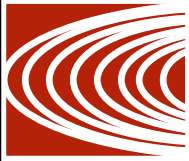


Typical Frequency Characteristics [full span]

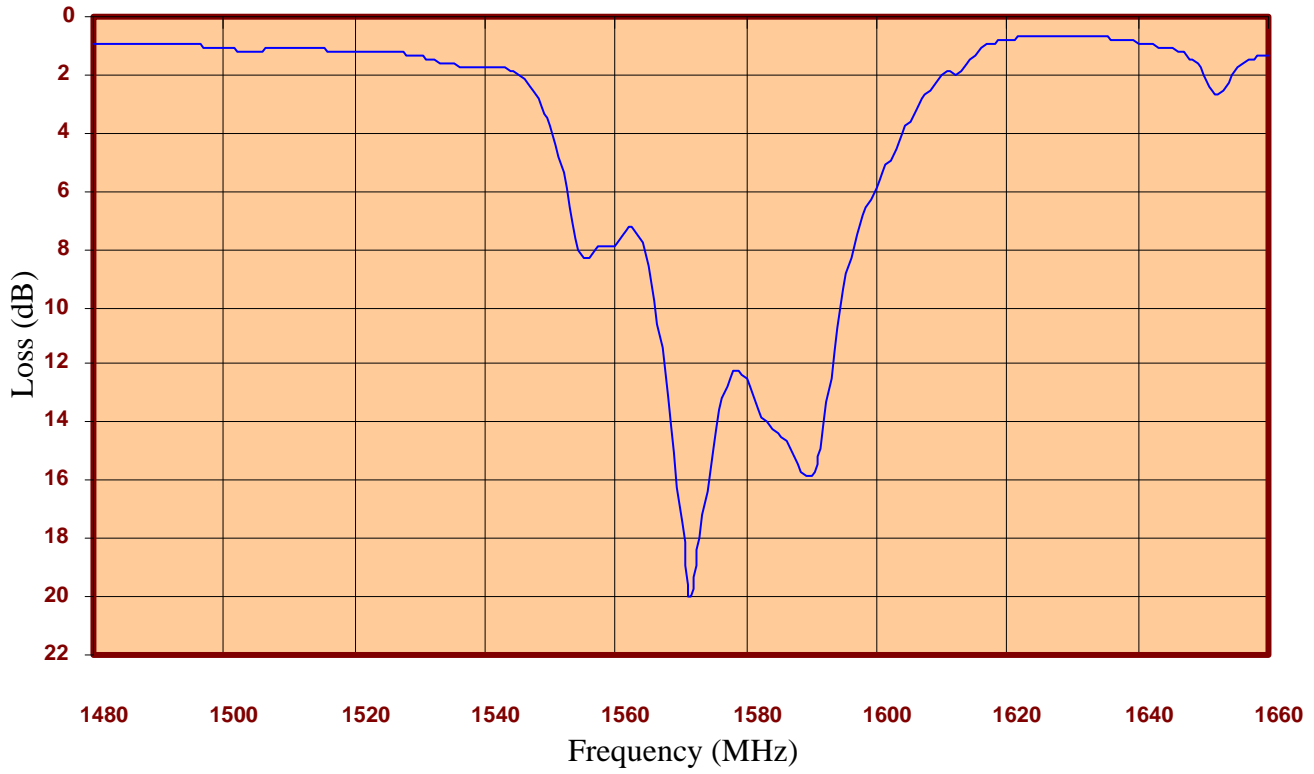


Rev F

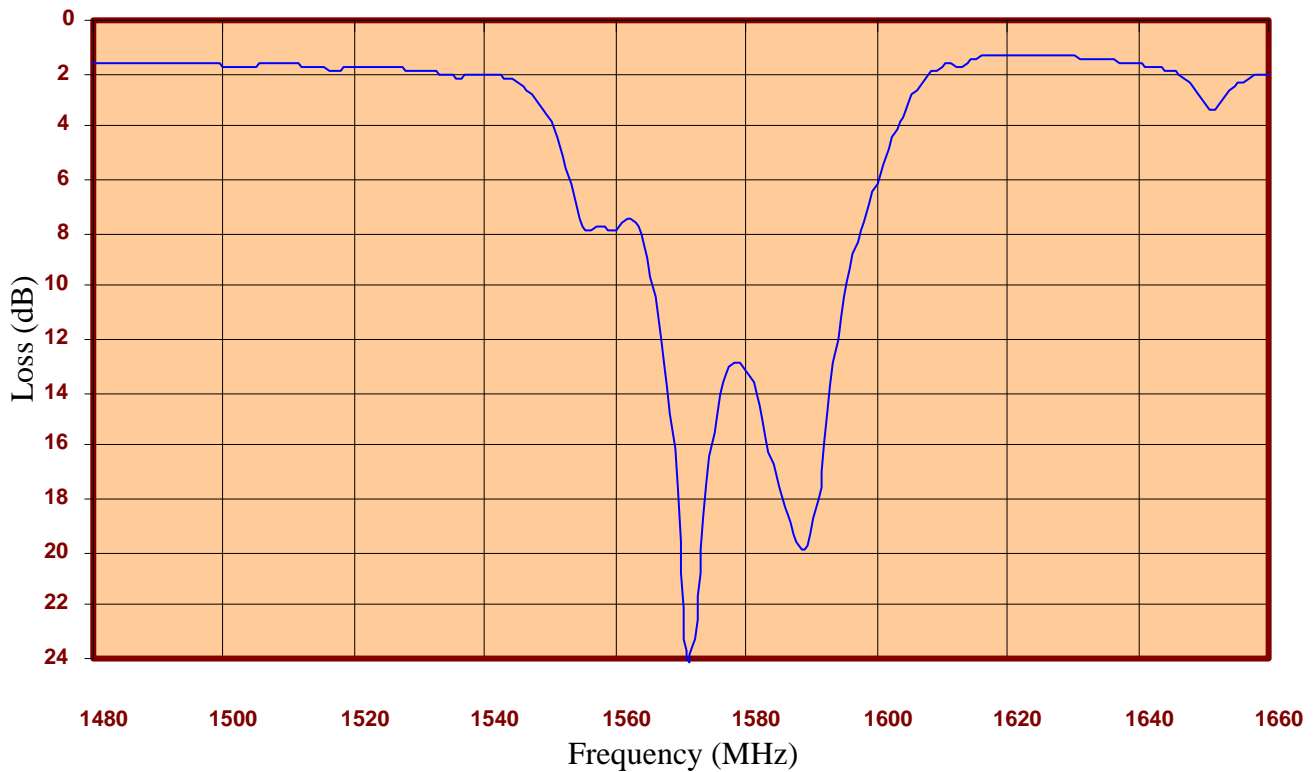




Male Side Return Loss



Female Side Return Loss



Rev F

