



CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

SAW Band Pass Filter
50 Ω SMA



New
SAW Filters



Part Number: CBPFS-0902
Center Frequency 902.5 MHz
Band Pass Width 25 MHz



Features:

- SAW Band Pass Filter
- 50 Ω SMA Connectors

Applications:

- Test Equipment
- Lab Use

Maximum Ratings:

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

Crystek's new 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-0902	Release Date:	16-Mar-2015
Revision Level:	D	Responsible:	K. Piotrowicz



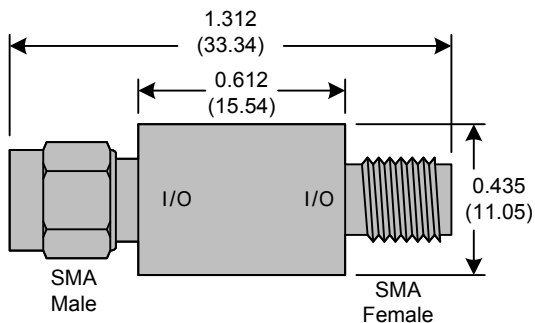
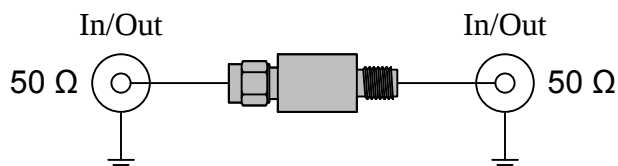
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PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Center Frequency:		902.500		MHz
Pass Bandwidth:		25		MHz
Insertion Loss:		2.0		dB
Amplitude Ripple:		0.6		dB
Attenuation: DC – 860 MHz		48		dB
Attenuation: 925 – 935 MHz		19		dB
Attenuation: 945 – 980 MHz		30		dB
Attenuation: 980 – 1200 MHz		48		dB
Attenuation: 1200 – 3000 MHz		28		dB
VSWR:			2:1	
Impedance:		50		Ω
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-40		+85	$^{\circ}\text{C}$

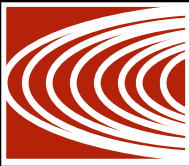
Schematic



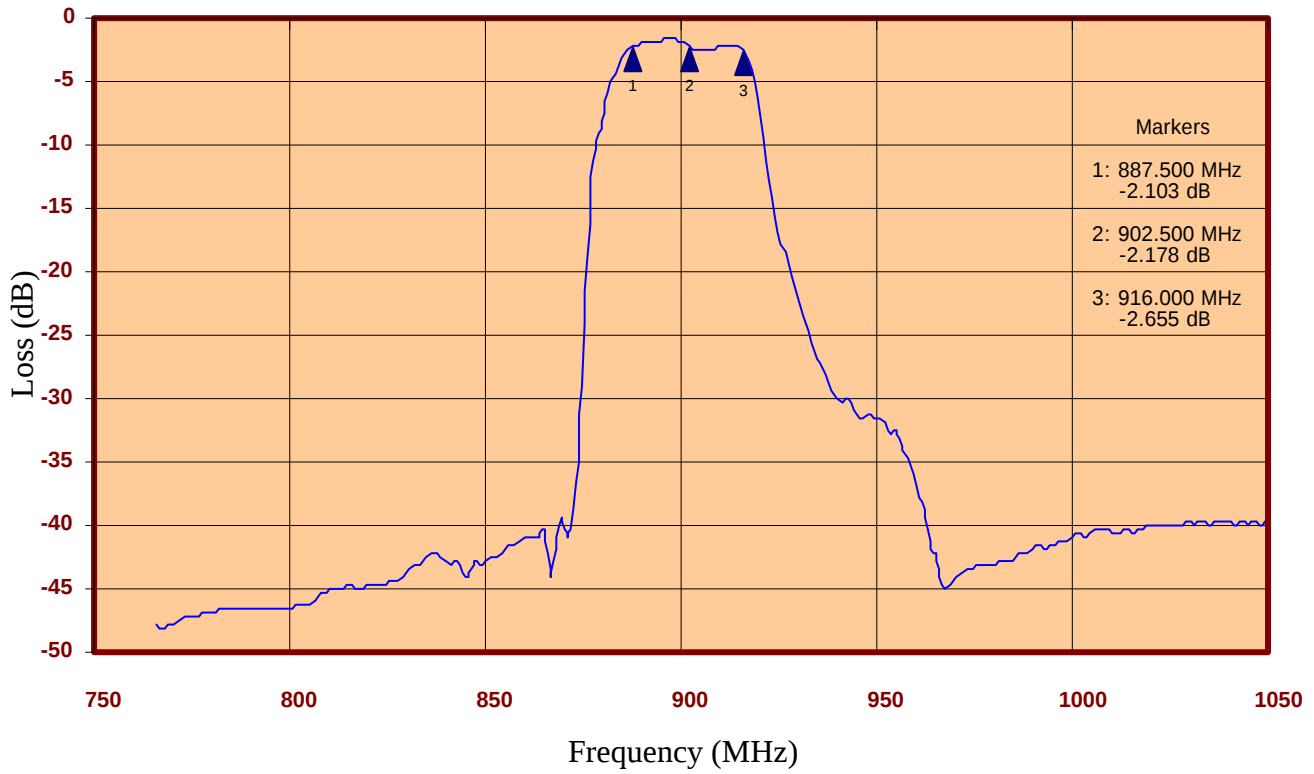
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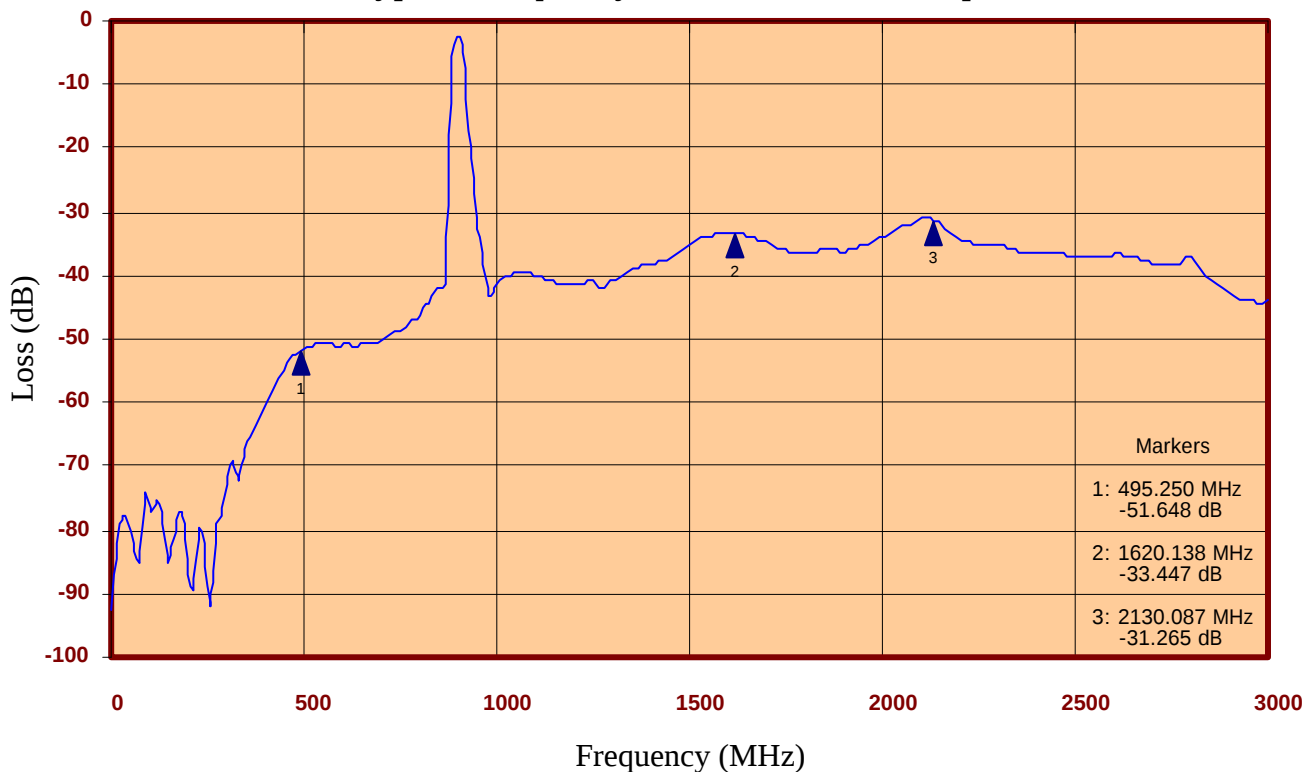


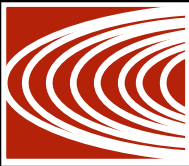


Typical Frequency Characteristics [close in]

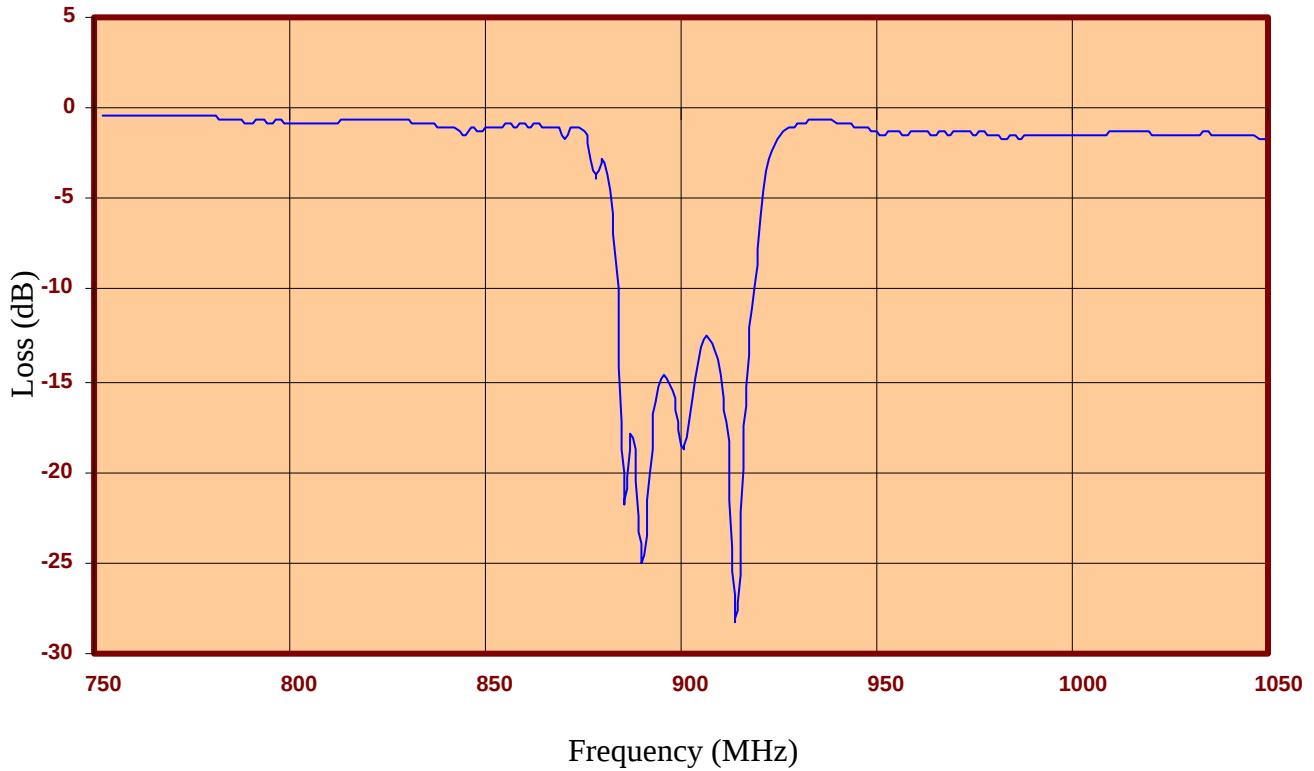


Typical Frequency Characteristics [full span]

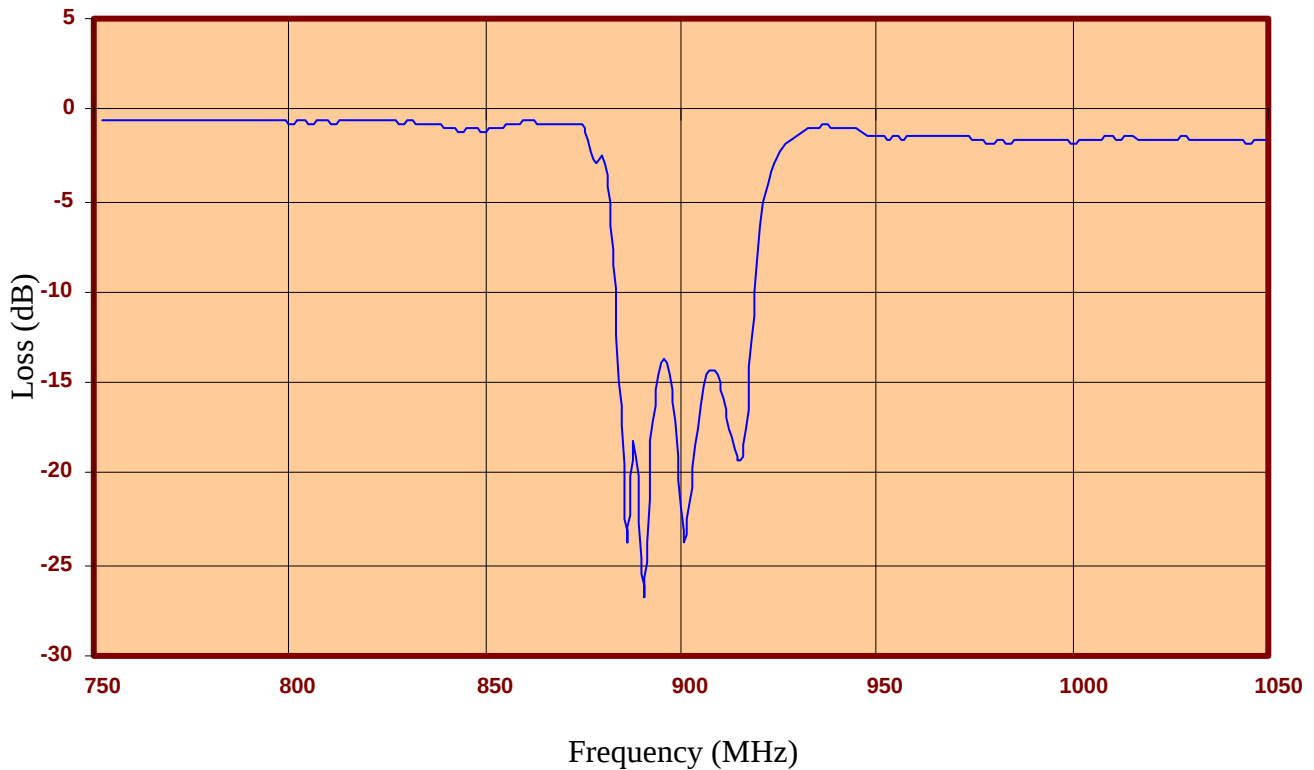




Male Side Return Loss



Female Side Return Loss



AMEYA360

Components Supply Platform

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