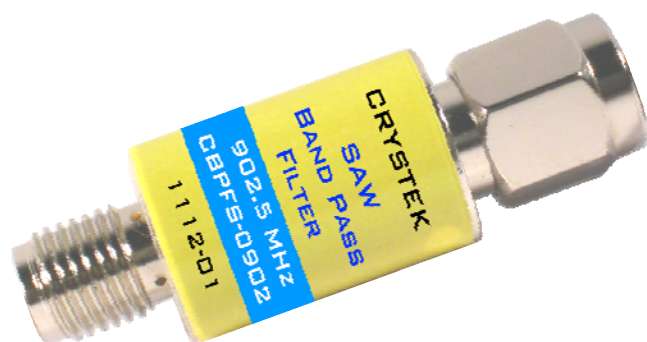


CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

SAW Band Pass Filter
50 Ω SMA



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:

- 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.

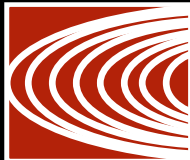
Product Control:

Crystek Part Number:	CBPFS-0902	Release Date:	08-Feb-2016
Revision Level:	G	Responsible:	K. Piotrowicz



CRYSTEK
CORPORATION

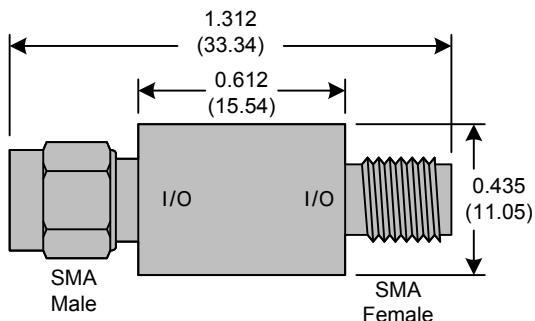
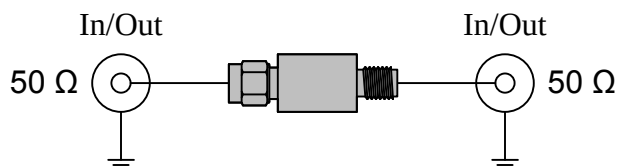
12730 COMMONWEALTH DRIVE • FORT MYERS, FLORIDA 33913
PHONE: 239-561-3311 • 800-237-3061
FAX: 239-561-1025 • WWW.CRYSTEK.COM



SAW Band Pass Filter CBPFS-0902

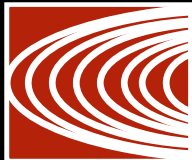
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Center Frequency:		902.500		MHz
Pass Bandwidth:		25		MHz
Insertion Loss:		2.0		dB
Amplitude Ripple:		0.6		dB
Attenuation: DC – 860 MHz		48		dB
Attenuation: 925 – 935 MHz		19		dB
Attenuation: 945 – 980 MHz		30		dB
Attenuation: 980 – 1200 MHz		48		dB
Attenuation: 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

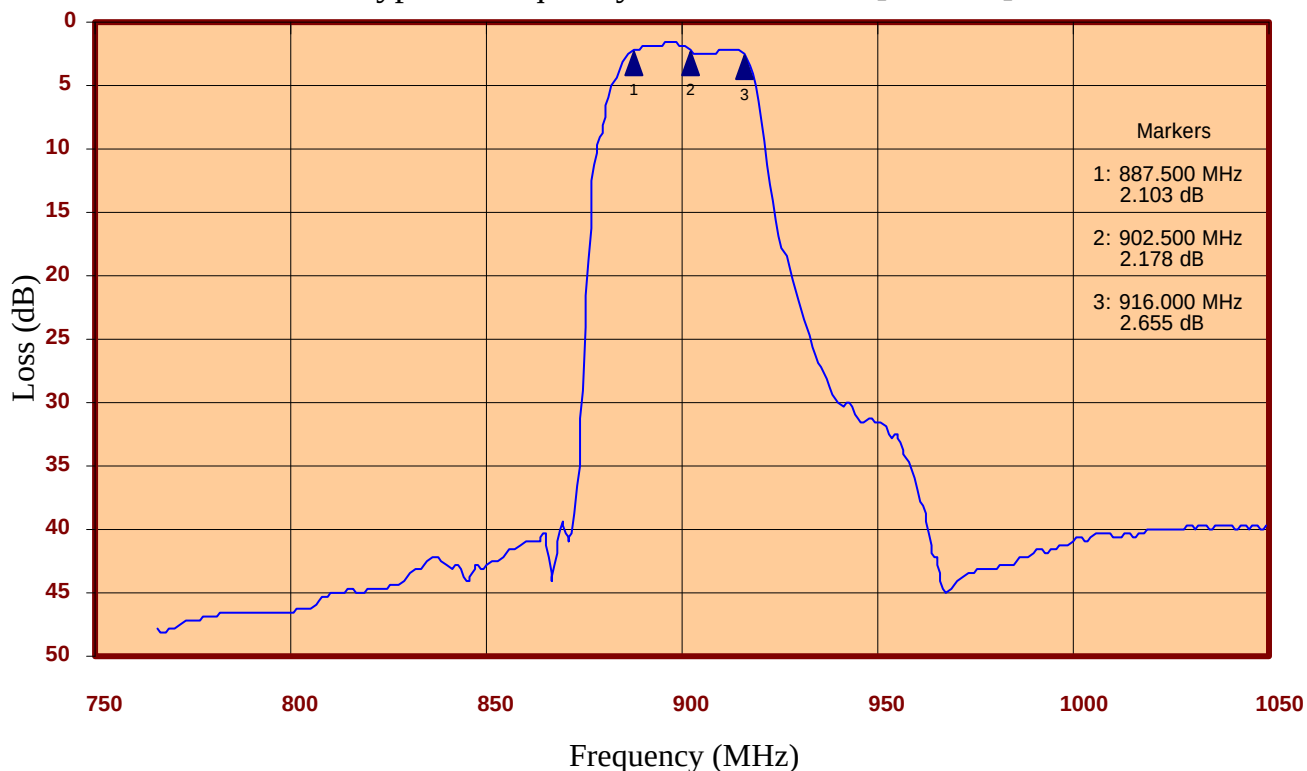


Rev G

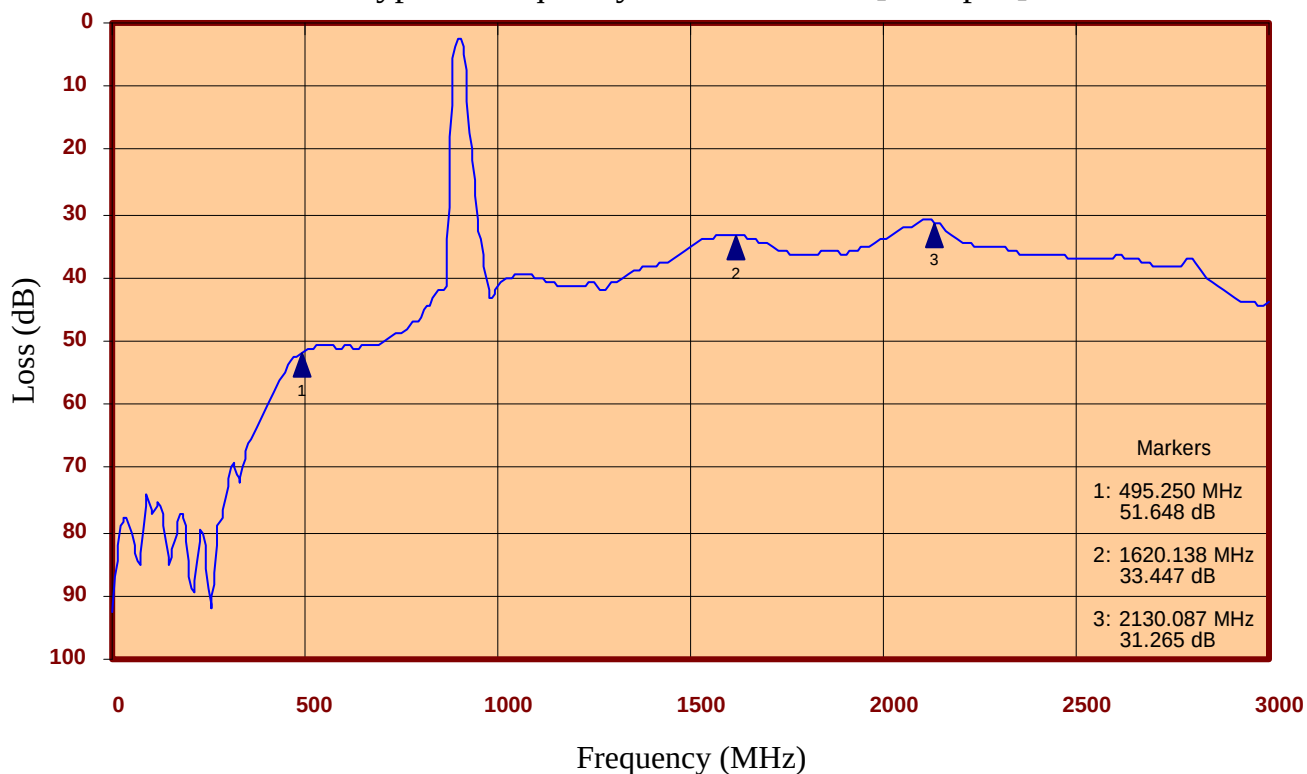




Typical Frequency Characteristics [close in]

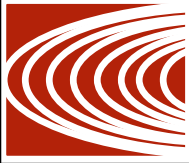


Typical Frequency Characteristics [full span]

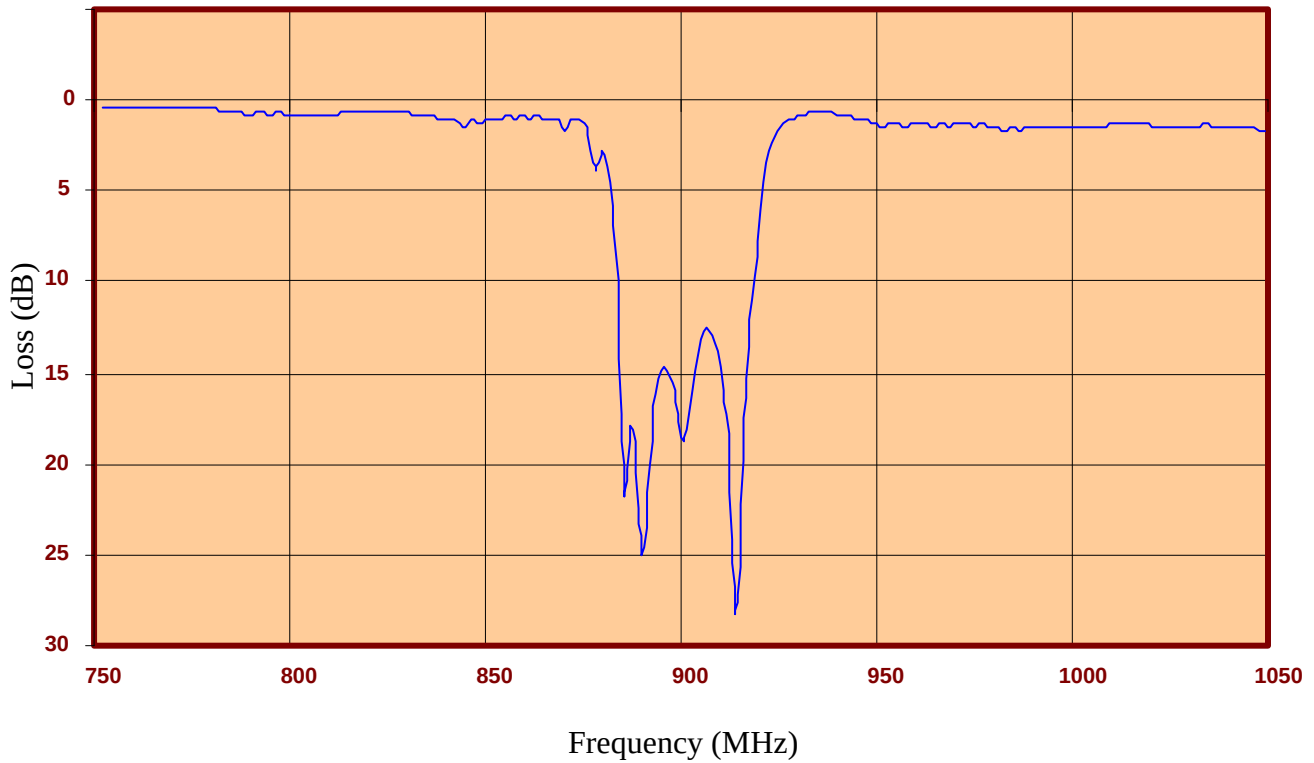


Rev G

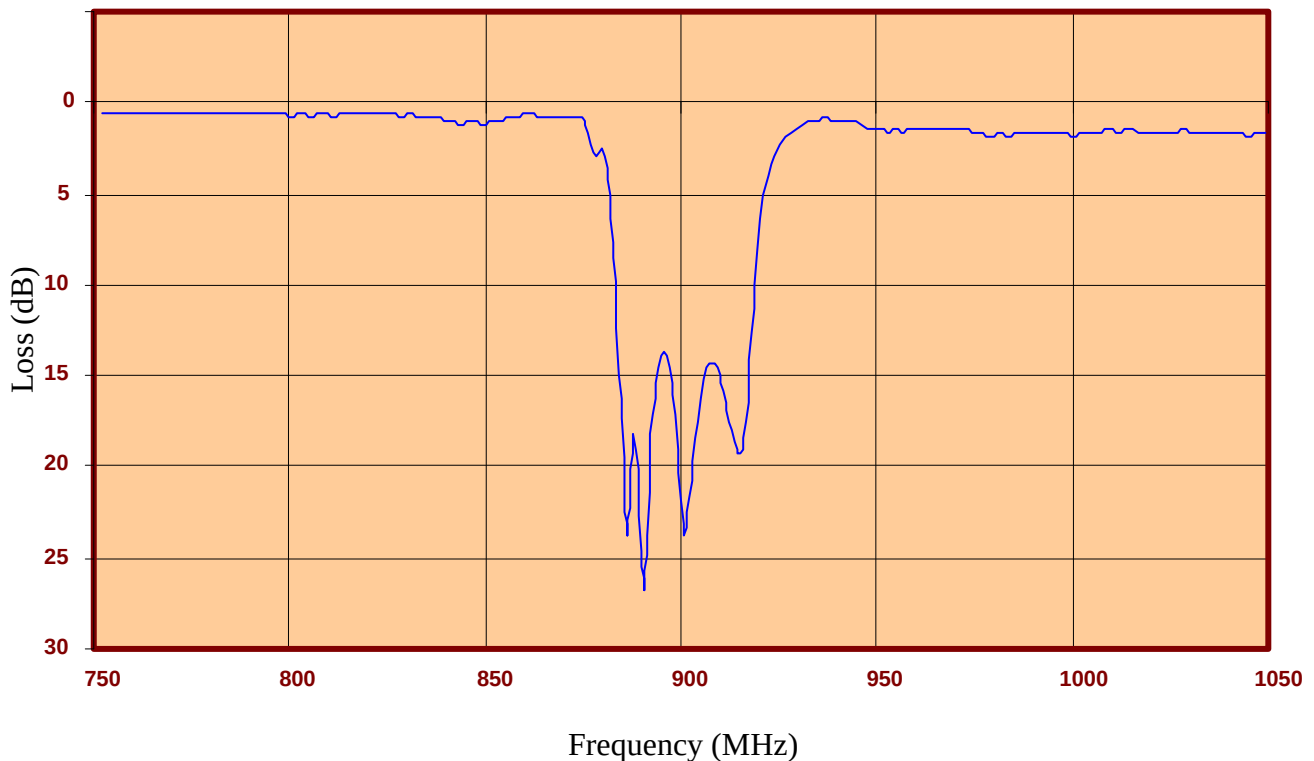




Male Side Return Loss



Female Side Return Loss



Rev G

