

CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

SAW Band Pass Filter
50 Ω SMA



Part Number: CBPFS-1960
Center Frequency 1960 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-1960	Release Date:	08-Feb-2016
Revision Level:	G	Responsible:	K. Piotrowicz



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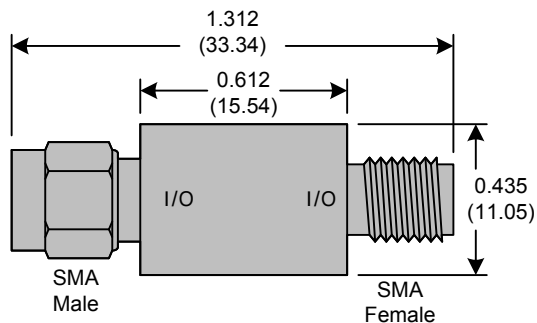
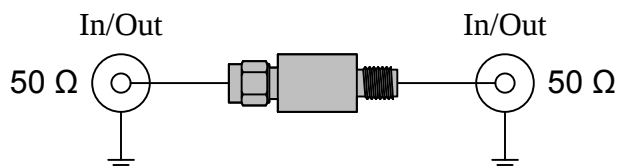
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SAW Band Pass Filter CBPFS-1960

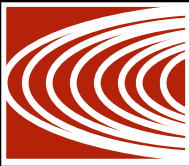
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Center Frequency:		1960.000		MHz
Pass Bandwidth:		60		MHz
Insertion Loss:		3.0		dB
Amplitude Ripple:		0.8		dB
Attenuation: DC – 1850 MHz		30		dB
Attenuation: 1850 – 1910 MHz		13		dB
Attenuation: 2010 – 2040 MHz		8.5		dB
Attenuation: 2040 – 2070 MHz		42		dB
Attenuation: 2070 – 5000 MHz		32		dB
VSWR:			2:1	
Impedance:		50		Ω
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-40		+85	$^{\circ}\text{C}$

Schematic

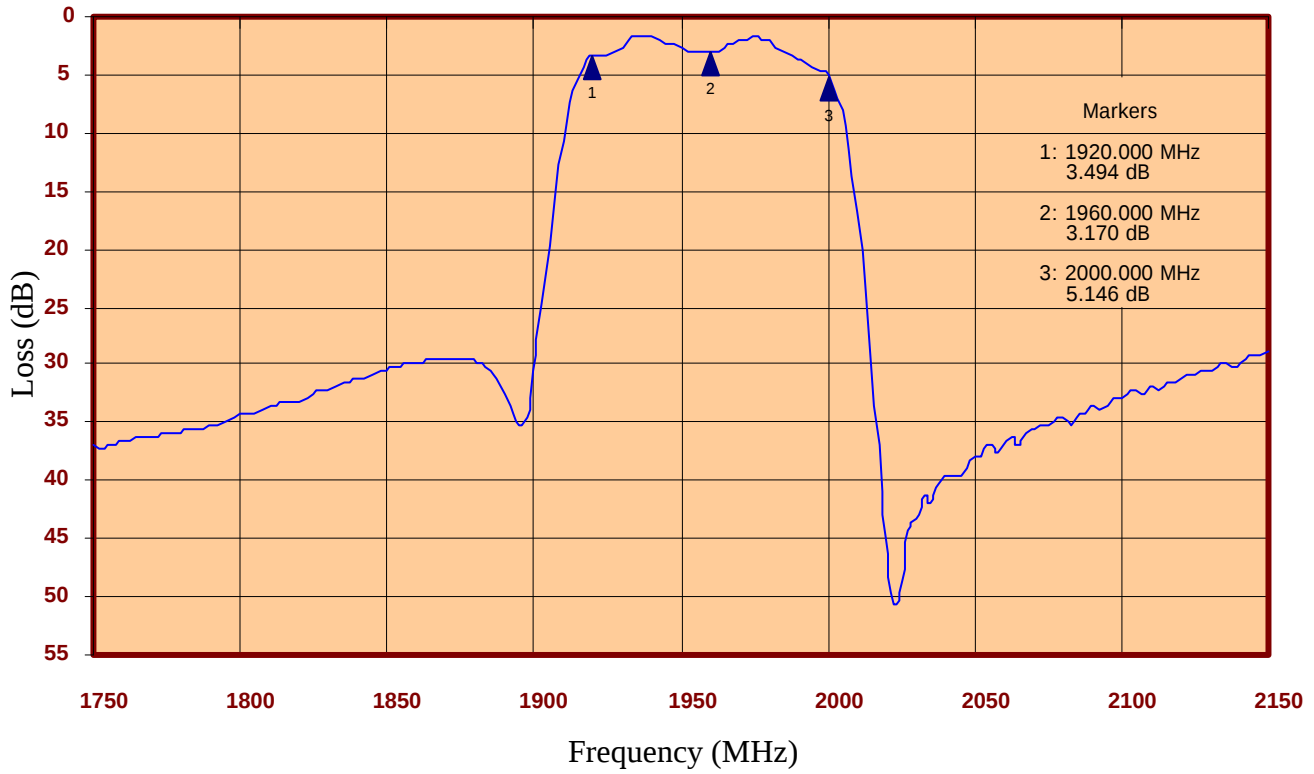


Rev G

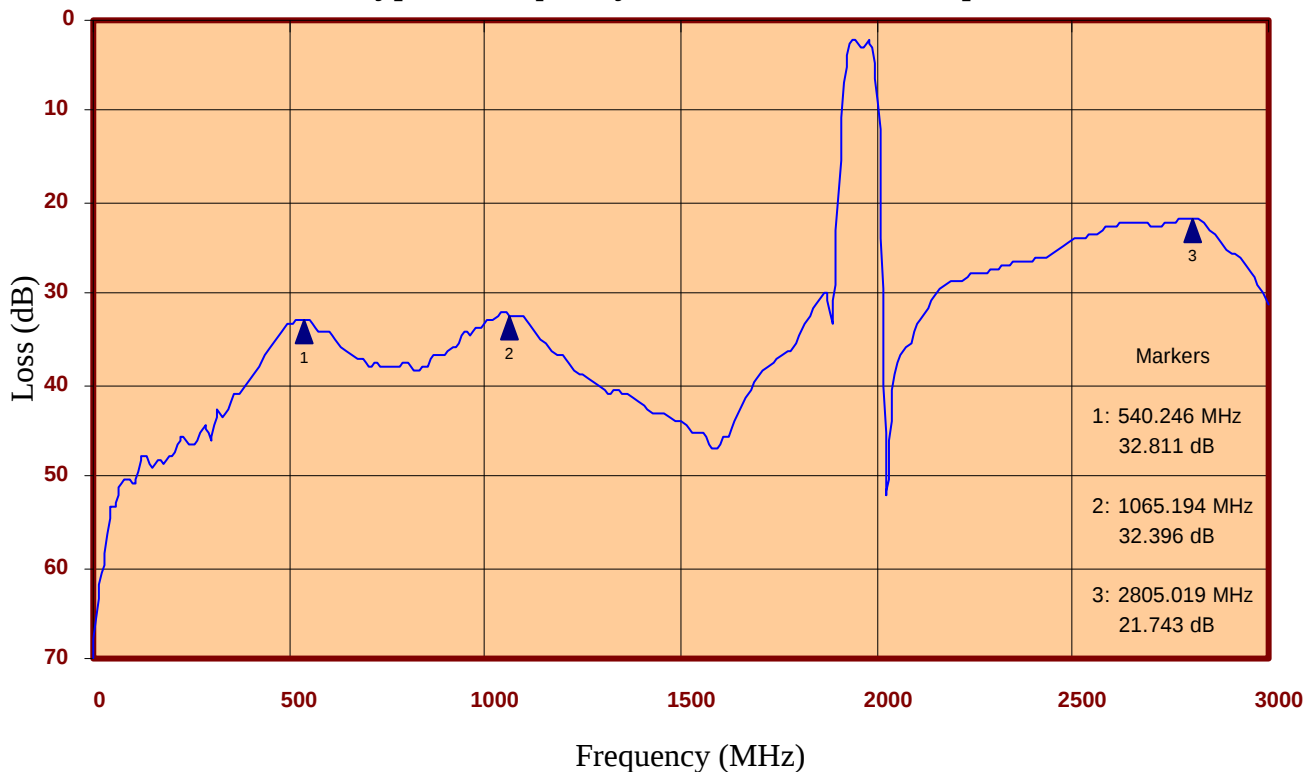




Typical Frequency Characteristics [close in]

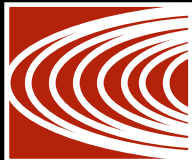


Typical Frequency Characteristics [full span]

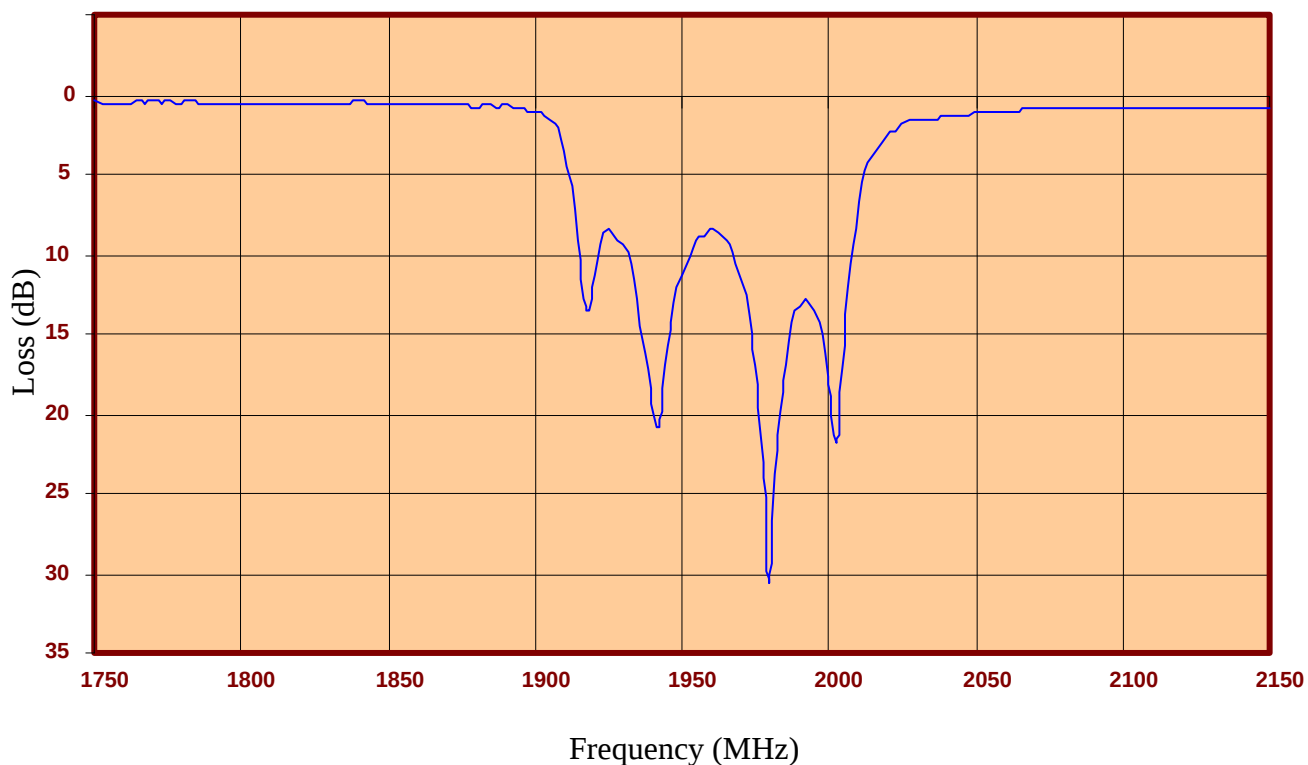


Rev G

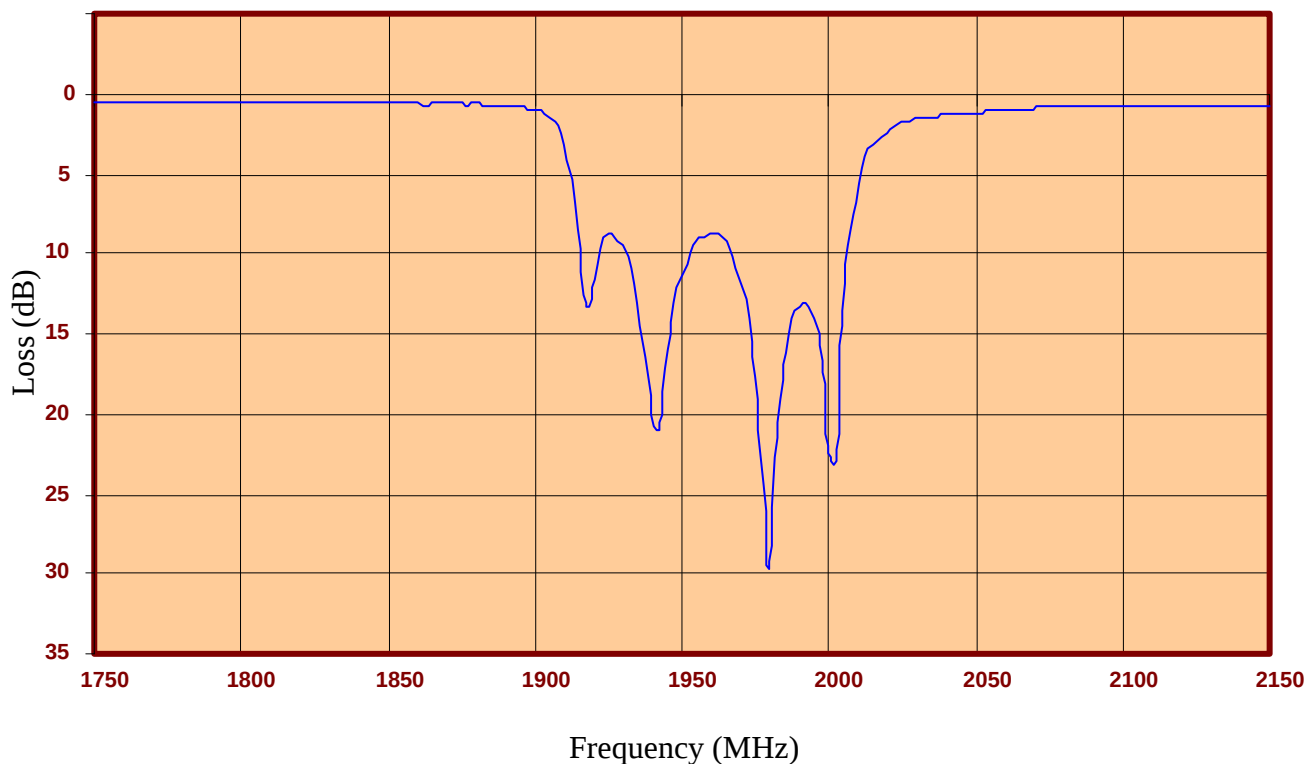




Male Side Return Loss



Female Side Return Loss



Rev G

