

CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

SAW Band Pass Filter
50 Ω SMA



Part Number: CBPFS-0866
Center Frequency 866.5 MHz
Band Pass Width 7 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-0866	Release Date:	08-Feb-2016
Revision Level:	E	Responsible:	K. Piotrowicz



CRYSTEK
CORPORATION

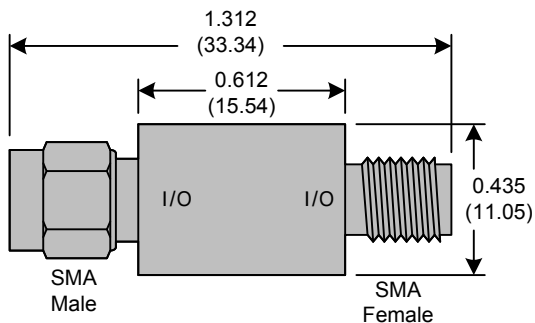
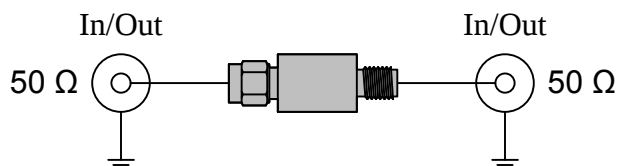
12730 COMMONWEALTH DRIVE • FORT MYERS, FLORIDA 33913
PHONE: 239-561-3311 • 800-237-3061
FAX: 239-561-1025 • WWW.CRYSTEK.COM



SAW Band Pass Filter CBPFS-0866

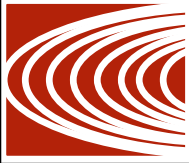
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Center Frequency:		866.5		MHz
Pass Bandwidth:		7		MHz
Insertion Loss:		2.2	3.0	dB
Amplitude Ripple:		0.3		dB
Attenuation: 50 – 830 MHz	40	45		dB
Attenuation: 830 – 845 MHz	30	40		dB
Attenuation: 880 – 885 MHz	25	40		dB
Attenuation: 885 – 888 MHz	35	50		dB
Attenuation: 888 – 1000 MHz	45	52		dB
VSWR:			2:1	
Impedance:		50		Ω
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-40		+85	$^{\circ}\text{C}$

Schematic

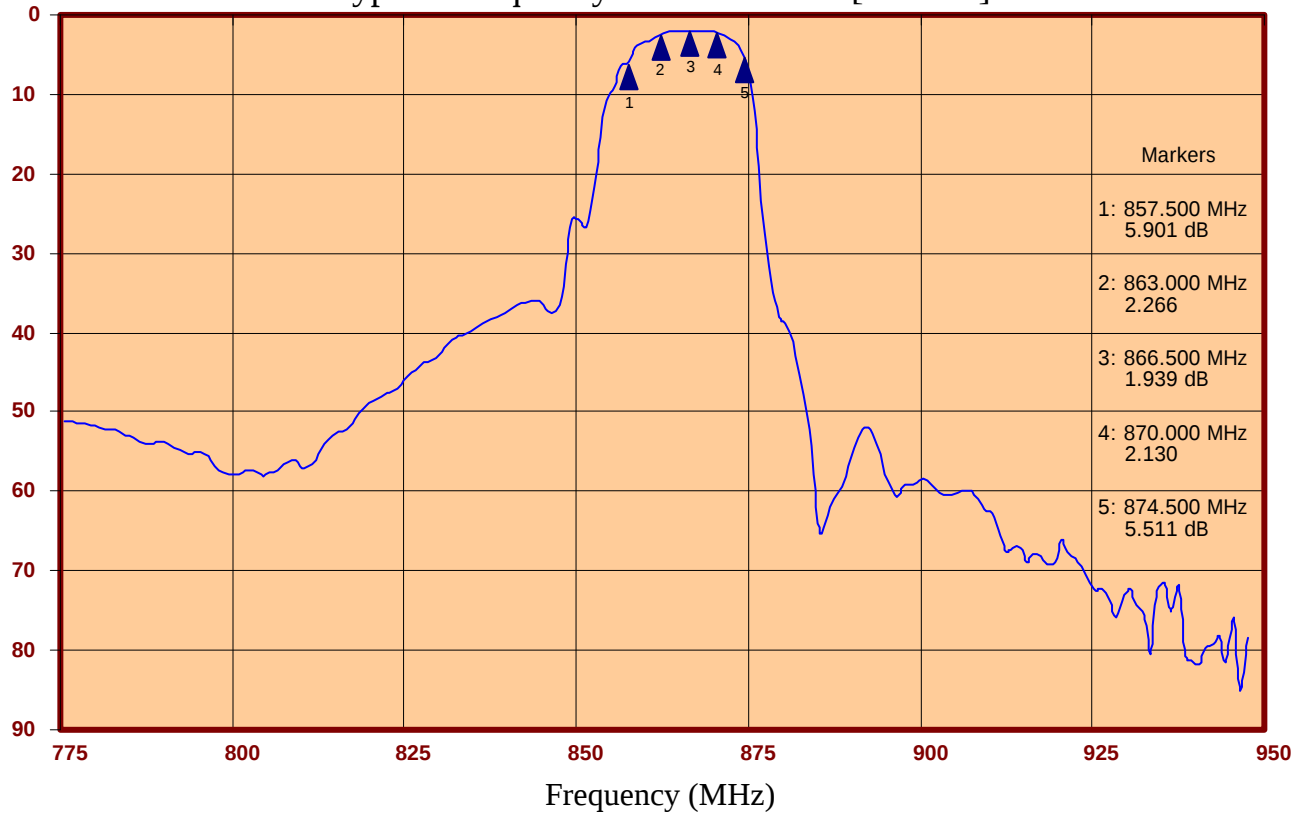


Rev E

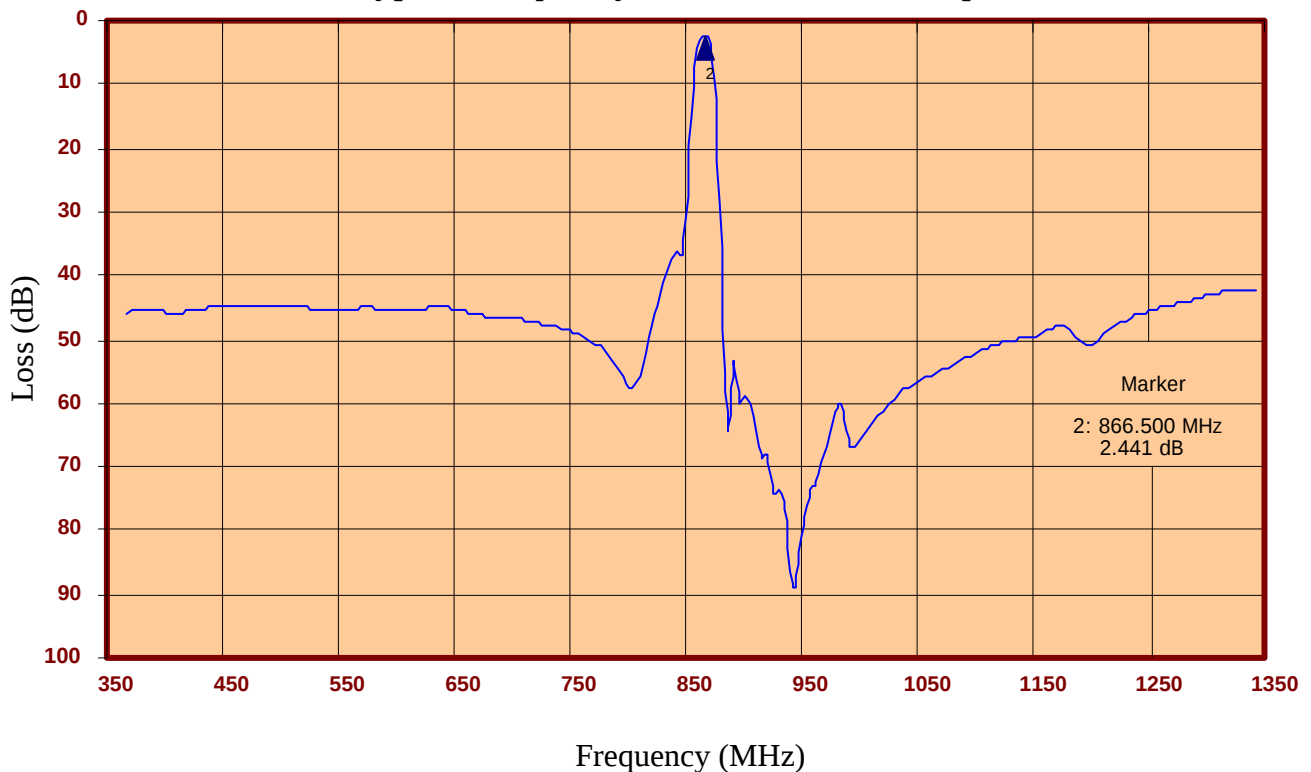




Typical Frequency Characteristics [close in]

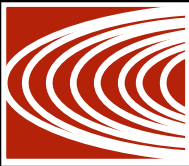


Typical Frequency Characteristics [full span]

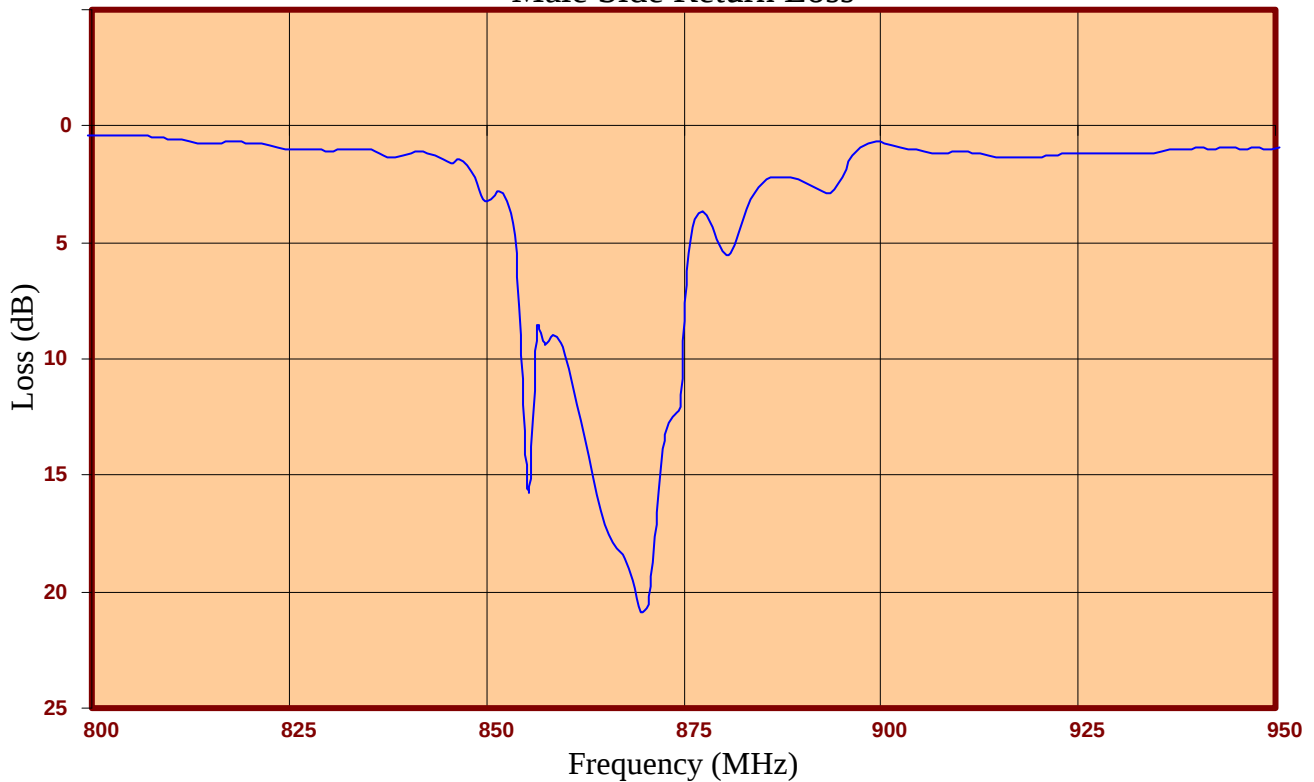


Rev E

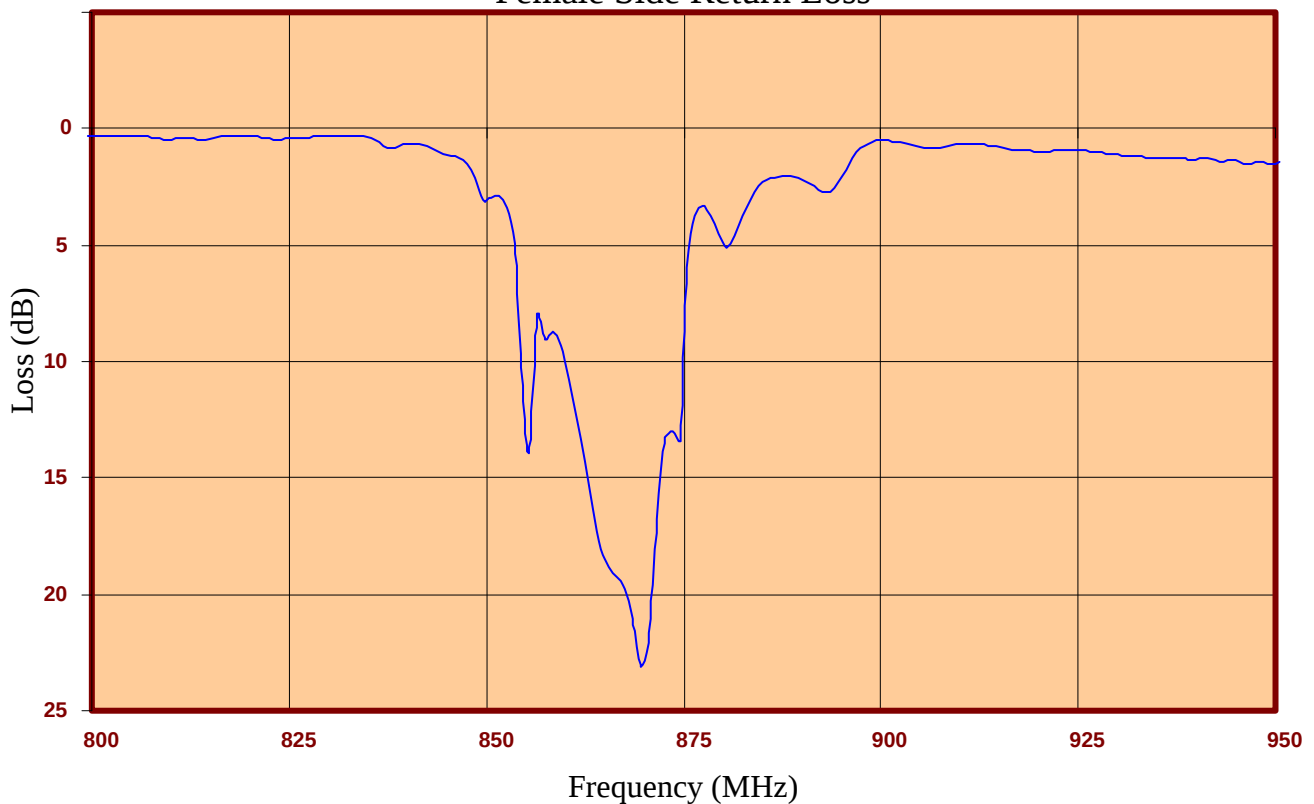




Male Side Return Loss



Female Side Return Loss



Rev E



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Crystek:](#)

[CBPFS-0866](#)