



CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

SAW Band Pass Filter
50 Ω SMA



New
SAW Filters



Part Number: CBPFS-0836
Center Frequency 836.5 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-0836	Release Date:	04-Feb-2015
Revision Level:	D	Responsible:	K. Piotrowicz



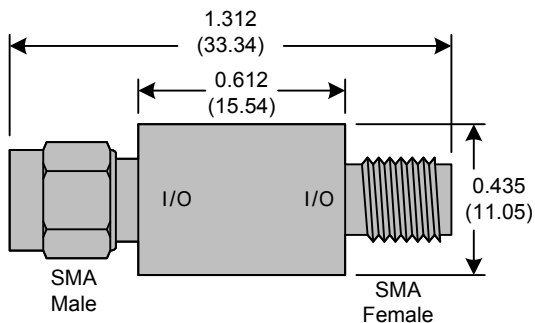
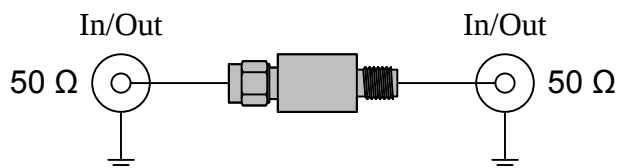
CRYSTEK
CORPORATION

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



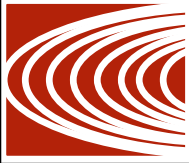
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Center Frequency:		836.500		MHz
Pass Bandwidth:		25		MHz
Insertion Loss:		1.8		dB
Amplitude Ripple:		0.7		dB
Attenuation: DC – 800 MHz		51		dB
Attenuation: 869 – 894 MHz		27		dB
Attenuation: 894 – 1049 MHz		40		dB
Attenuation: 1049 – 1200 MHz		48		dB
Attenuation: 1200 – 2000 MHz		45		dB
VSWR:			2:1	
Impedance:		50		Ω
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-40		+85	$^{\circ}\text{C}$

Schematic

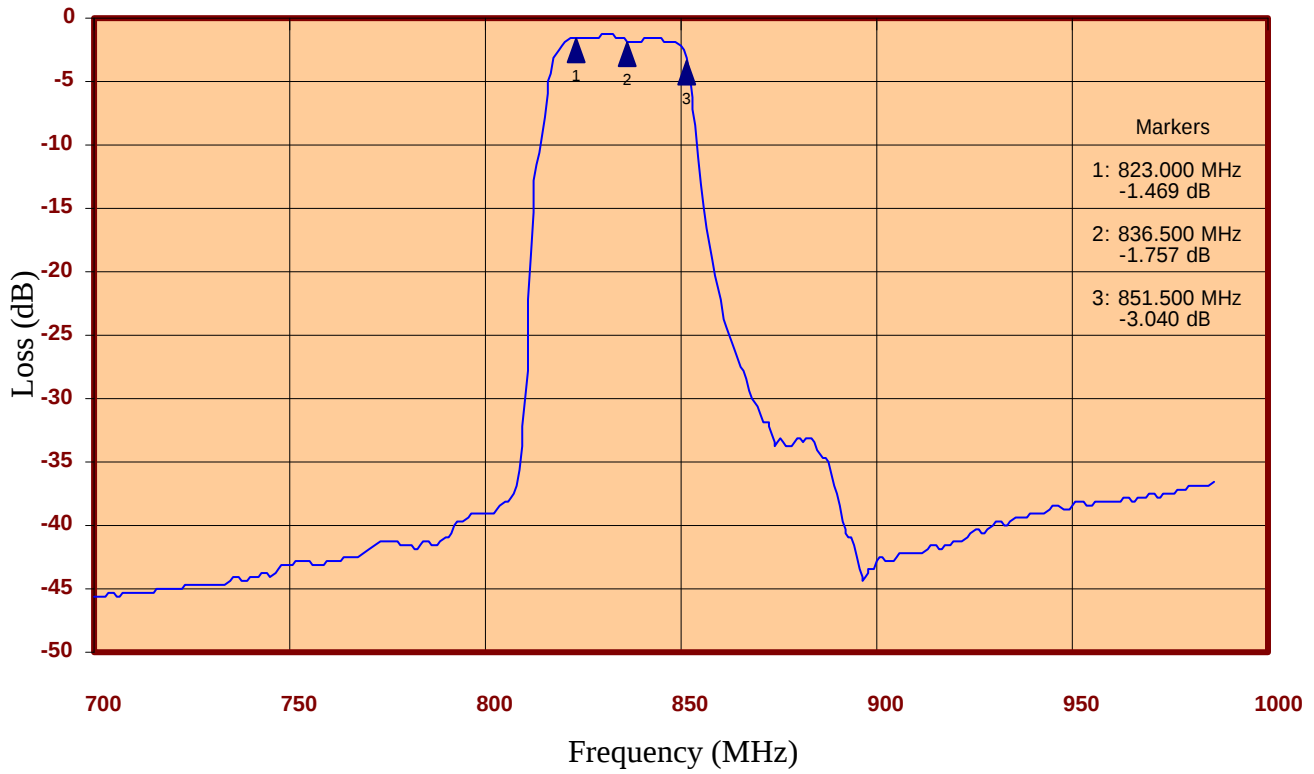


Rev D

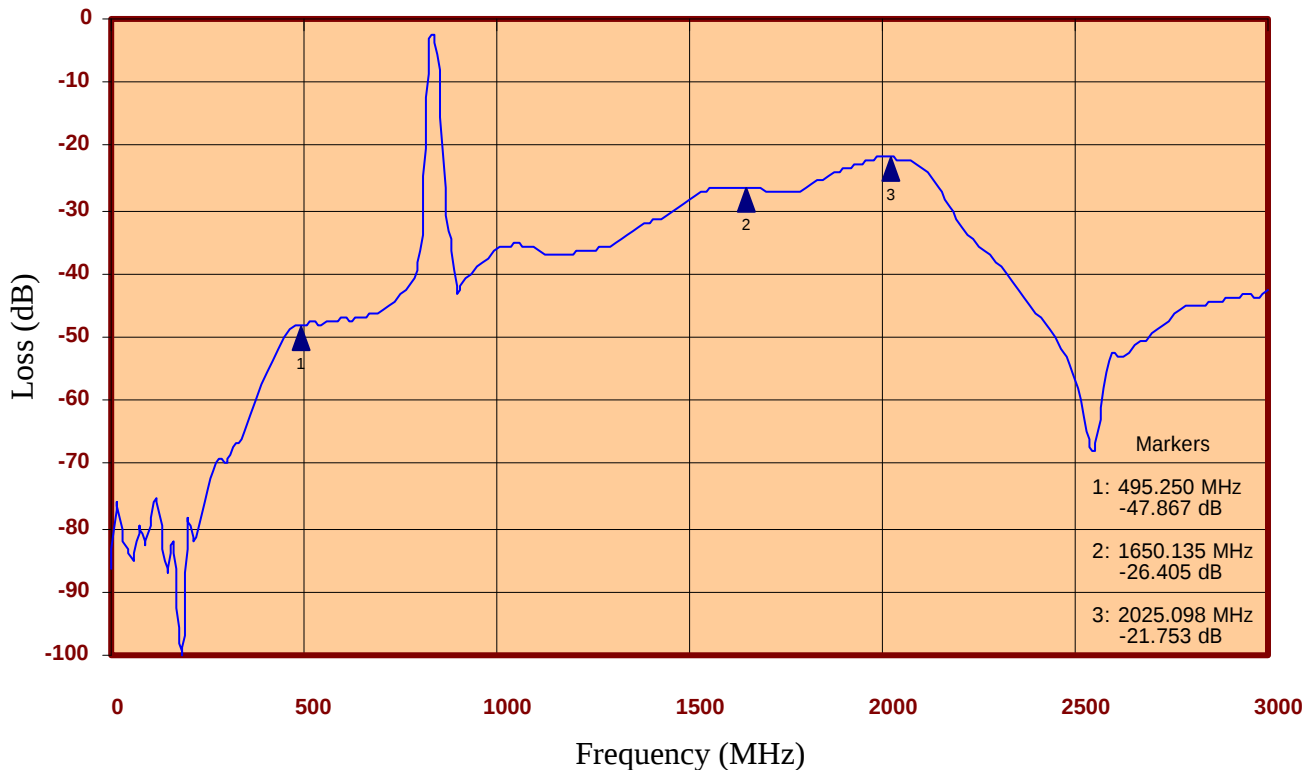




Typical Frequency Characteristics [close in]

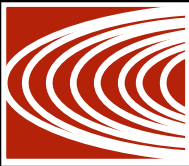


Typical Frequency Characteristics [full span]

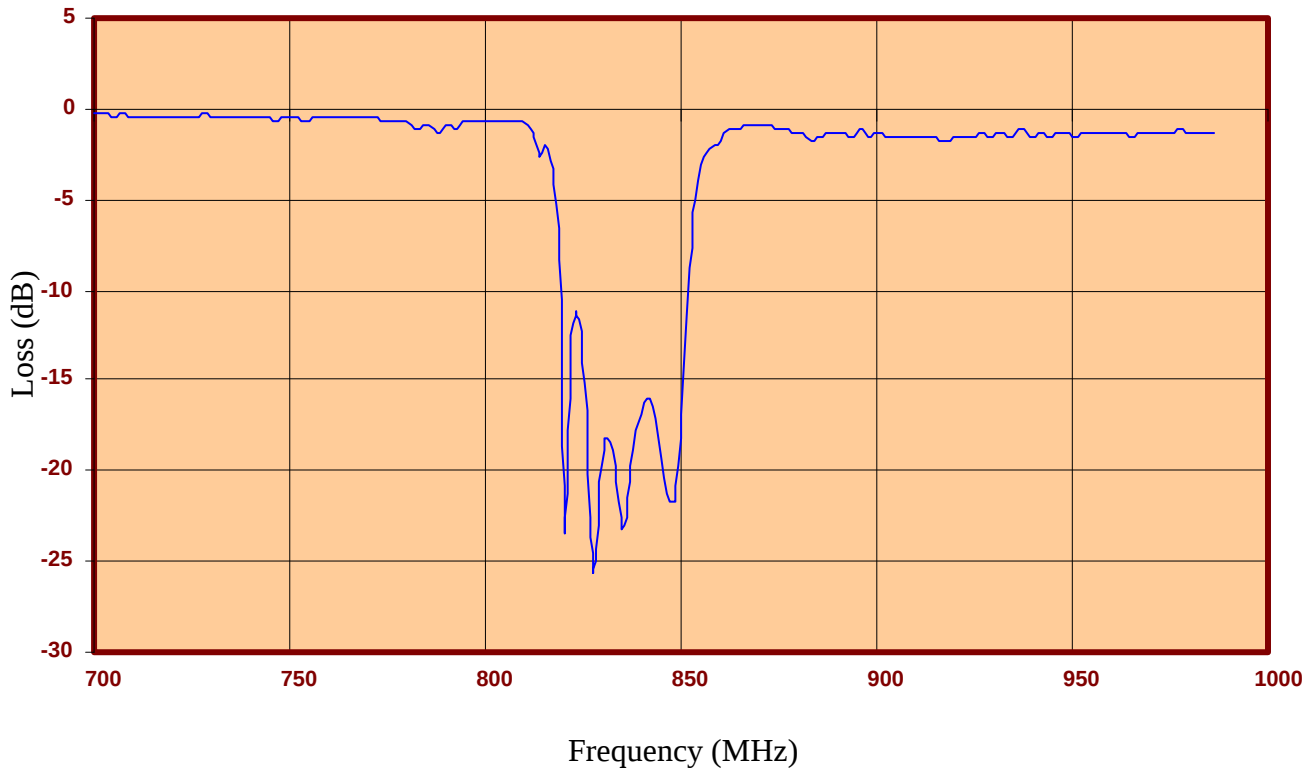


Rev D

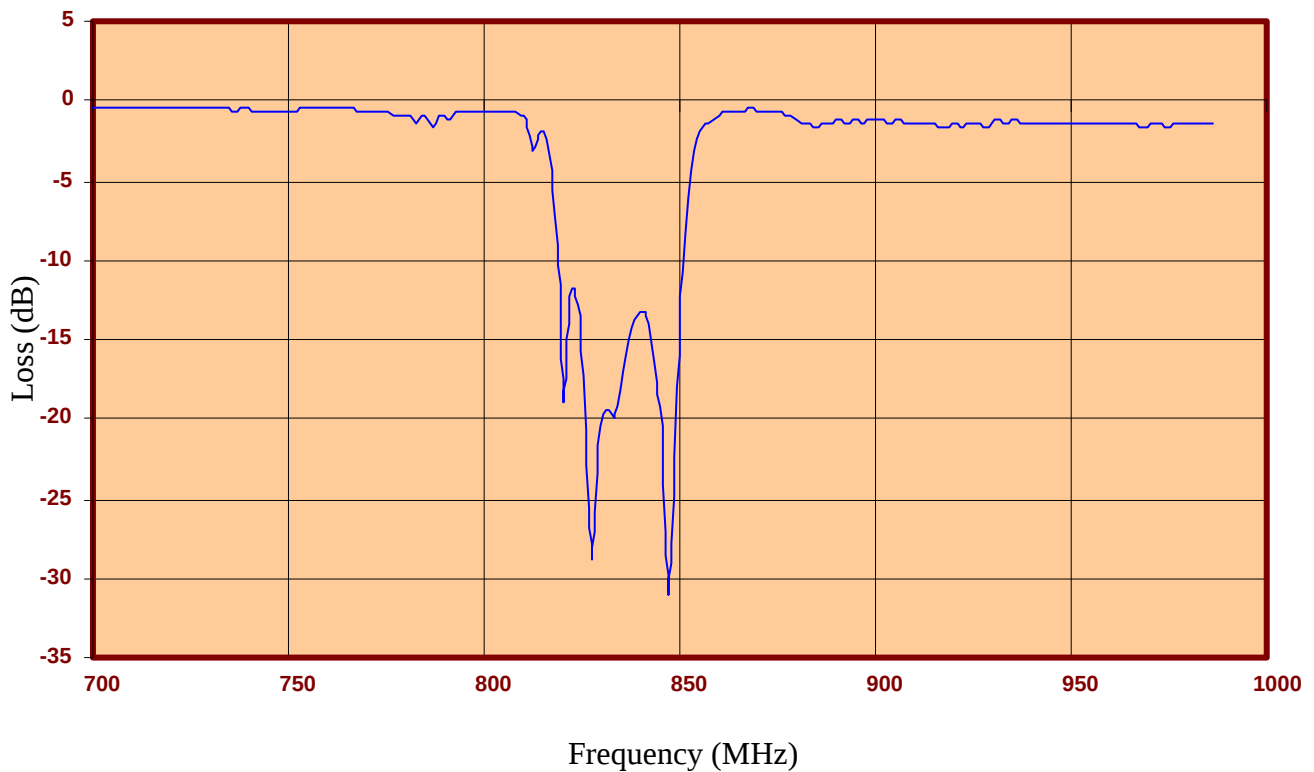




Male Side Return Loss



Female Side Return Loss



Rev D



AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692
Email amall@ameya360.com
QQ 800077892
Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333
Email mkt@ameya360.com