

CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Bluetooth
SAW Band Pass Filter
50 Ω SMA



Part Number: CBPFS-2441
Center Frequency 2441.8 MHz
Band Pass Width 83.5 MHz



Features:

- SAW Band Pass Filter
- 50 Ω SMA Connectors

Applications:

- Test Equipment
- Lab Use

Maximum Ratings:

- Input Power +20 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.

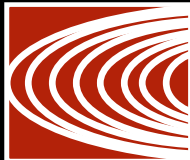
Product Control:

Crystek Part Number:	CBPFS-2441	Release Date:	08-Feb-2016
Revision Level:	E	Responsible:	K. Piotrowicz



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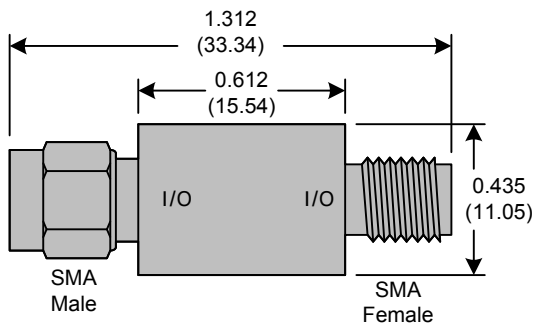
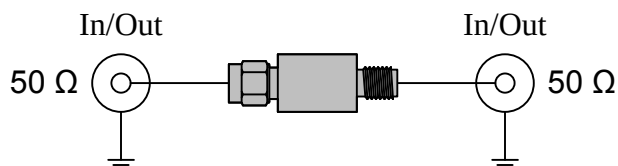
12730 COMMONWEALTH DRIVE • FORT MYERS, FLORIDA 33913
PHONE: 239-561-3311 • 800-237-3061
FAX: 239-561-1025 • WWW.CRYSTEK.COM



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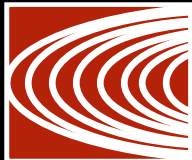
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Center Frequency:		2441.8		MHz
Pass Bandwidth:		83.5		MHz
Insertion Loss:		3.0	5.0	dB
Amplitude Ripple:		0.9	3.0	dB
Attenuation: DC – 1700 MHz		29		dB
Attenuation: 1700 – 2200 MHz		30		dB
Attenuation: 2544 – 2627 MHz		40		dB
Attenuation: 2700 – 3100 MHz		38		dB
Attenuation: 3100 – 4000 MHz		25		dB
VSWR:			2:1	
Impedance:		50		Ω
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-40		+85	$^{\circ}\text{C}$

Schematic

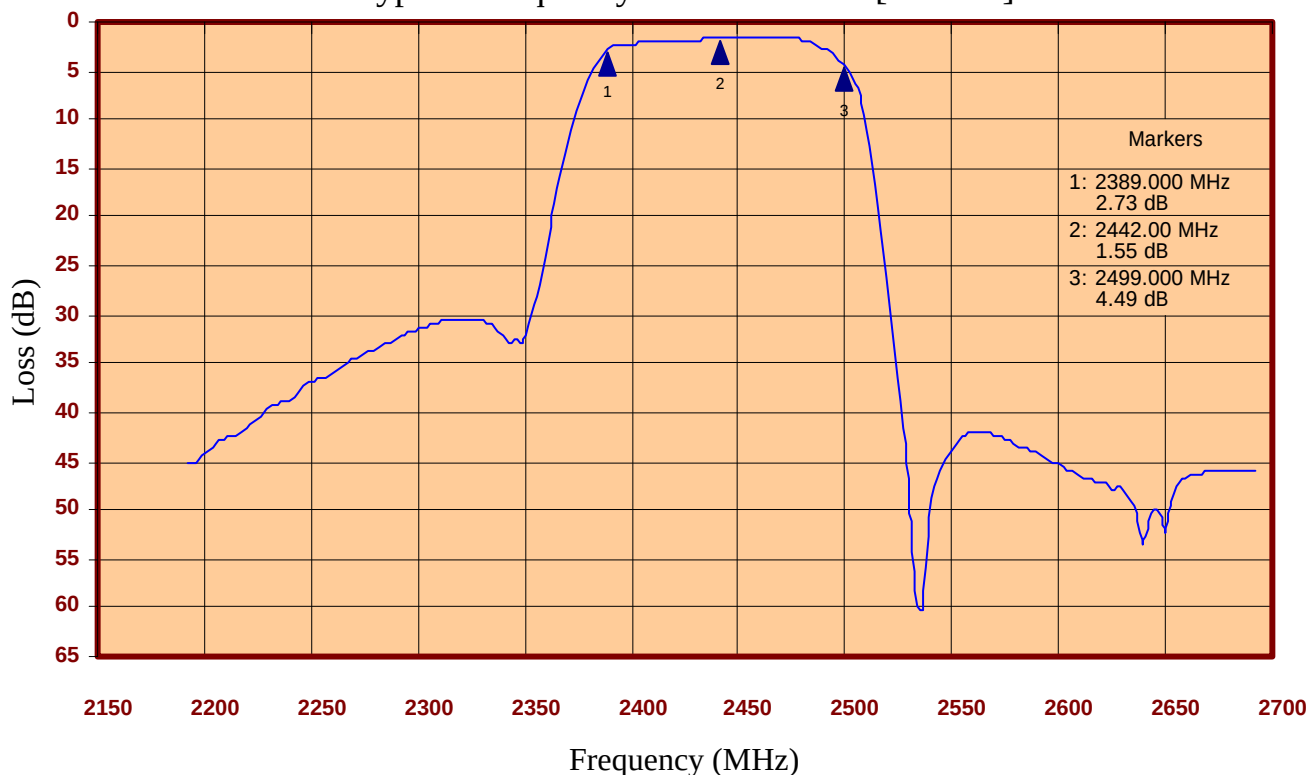


Rev E

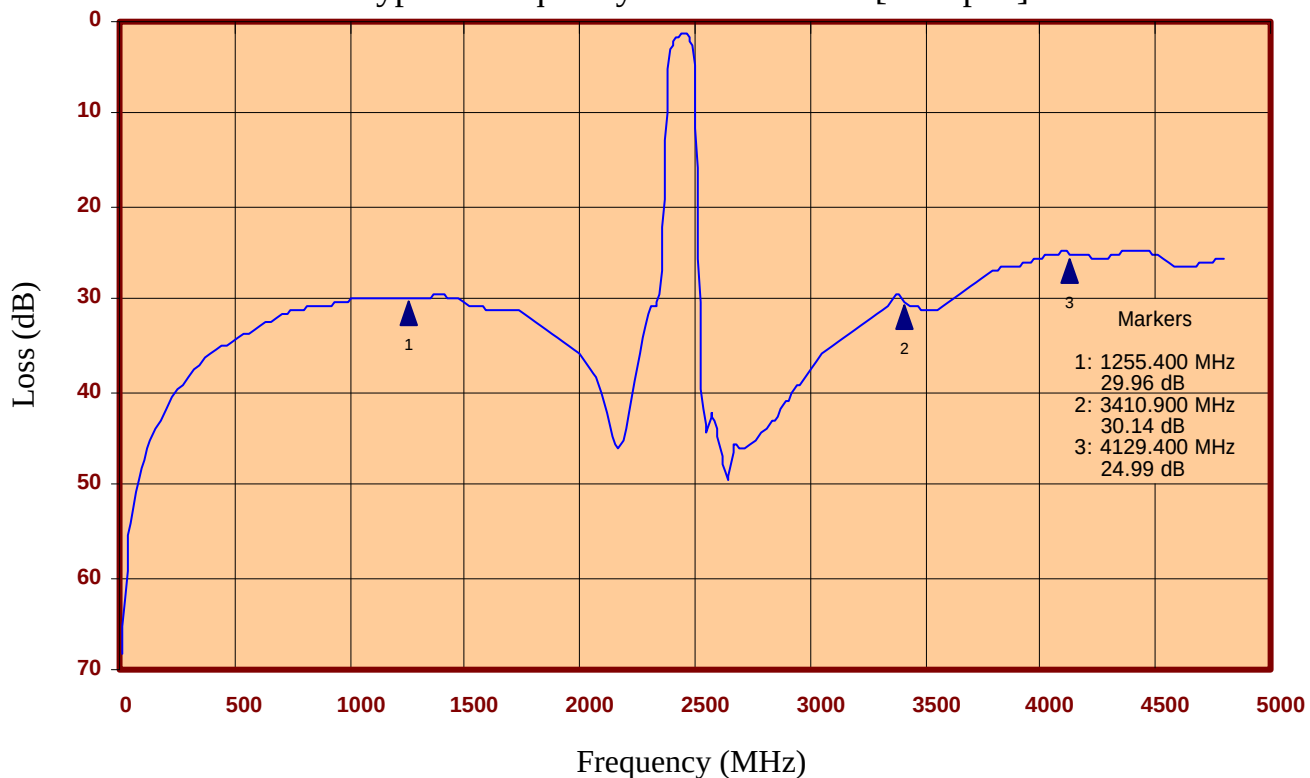




Typical Frequency Characteristics [close in]



Typical Frequency Characteristics [full span]



Rev E



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