



# 219.75 MHz Cavity Band Stop/Notch Filter

Part Number: AE219N2236



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

## Electrical Specifications

**Notch Center Frequency:** 219.75 MHz

**Notch Bandwidth:** 500 KHz

**Rejection In BW:** 40dB Min.

**Passband Below Notch:** 174-216 MHz.

**Passband Above Notch:** 470-608 MHz

**Insertion Loss:** 1.0dB Max.

**Return Loss:** 15 dB Min.

**Impedance:** 50Ohms

## Mechanical

**Mounting Method:** 4-40 Threaded Holes

**Connector Type:** F-Type(F)

**Dimensions:** 7.66" X 2.45" x 1.0" .

## Environmental

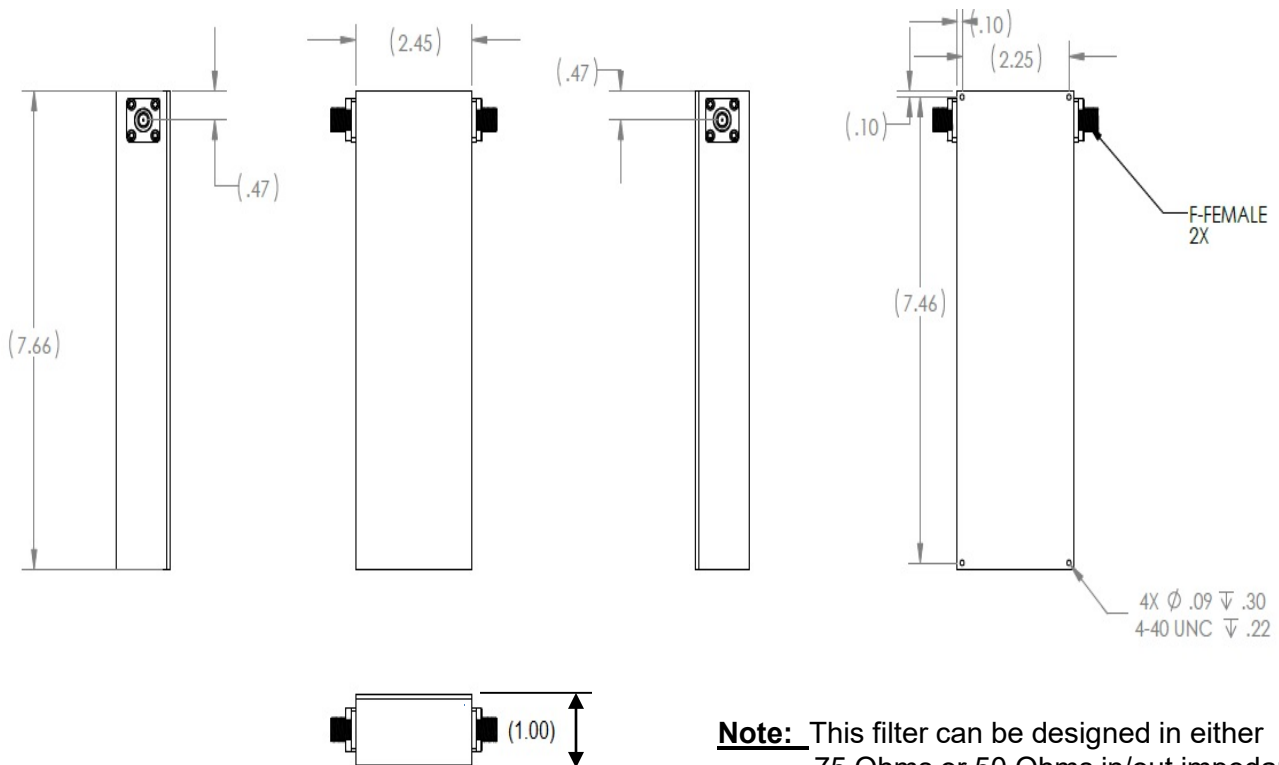
**Operating Temperature:** -45°C to +85°C

**Storage Temperature:** -55°C to +95°C

**Shock:** 20 G. 11ms

**Vibration:** 20 G. 5 to 200Hz

## Outline Drawing:



**Note:** This filter can be designed in either 75 Ohms or 50 Ohms in/out impedance. Please indicate that by adding a -75 or -50 at the end of the part number.

**AE219N2236-50 for 50 Ohms**  
**AE219N2236-75 for 75 Ohms**

Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

\*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

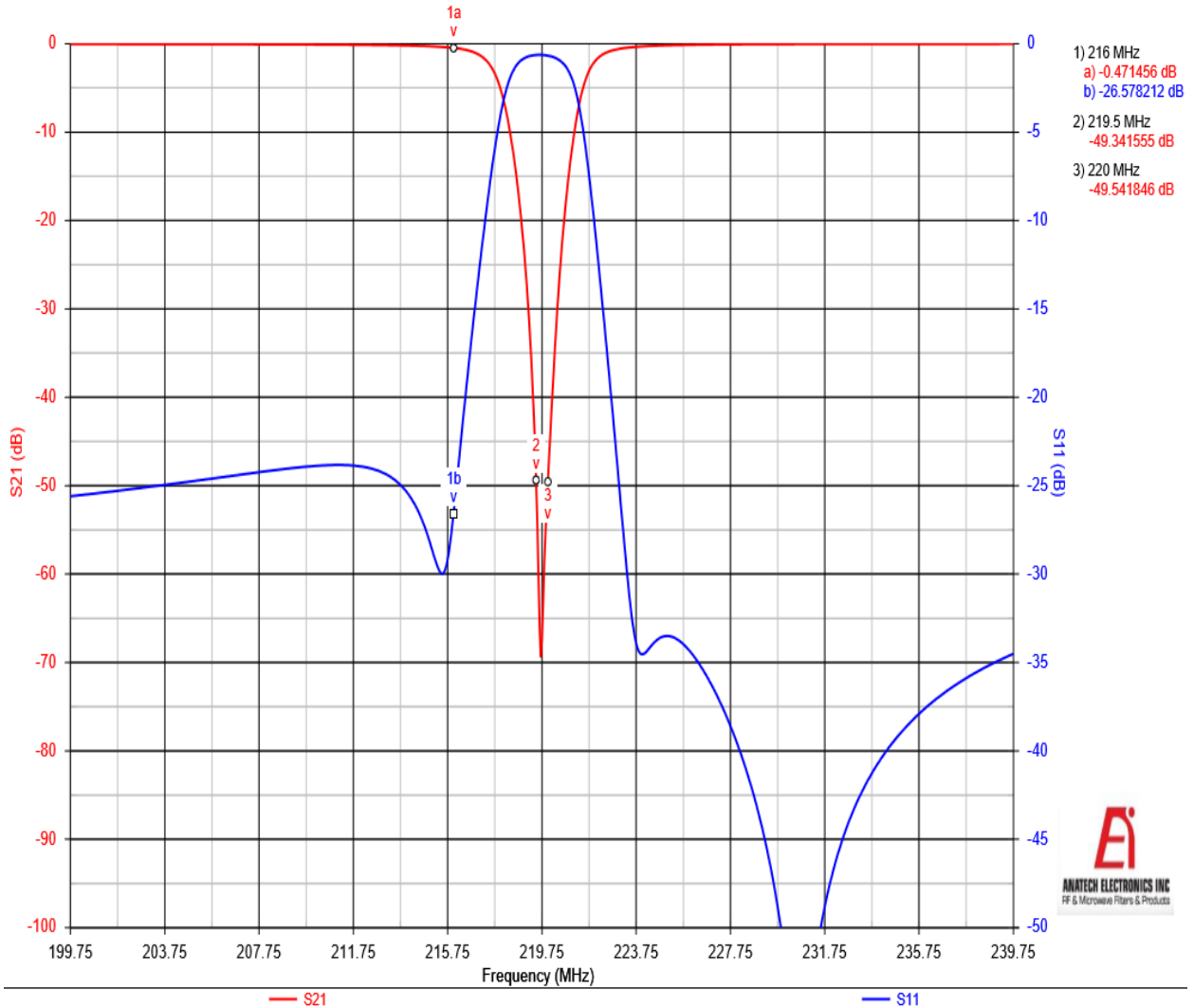
\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

70 Outwater Lane Phone: (973) 772-4242  
Garfield, NJ 07026 Fax : (973) 321-3941

Email: [sales@anatechelectronics.com](mailto:sales@anatechelectronics.com)  
Web: [www.anatechelectronics.com](http://www.anatechelectronics.com)



### Simulation Plot:



Note: This is a simulation Plot. Actual response plot might differ once product is manufactured.