



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

# WiFi Cavity Bandpass Filter

**Part Number: AB2442B1090**



## Electrical specifications

**Center Frequency:** 2442 MHz  
**Bandwidth:** 12 MHz  
**50 dB Bandwidth:** 30 MHz max (12MHz passband)  
**Input / Output Impedance:** 50 Ohms  
**Passband Insertion Loss:** 2.5 dB  
**Passband Ripple:** 0.5 dB MAX  
**Passband Return Loss:**  
**VSWR (input and output):** 1.5:1  
**Power Handling:** 10 Watts CW

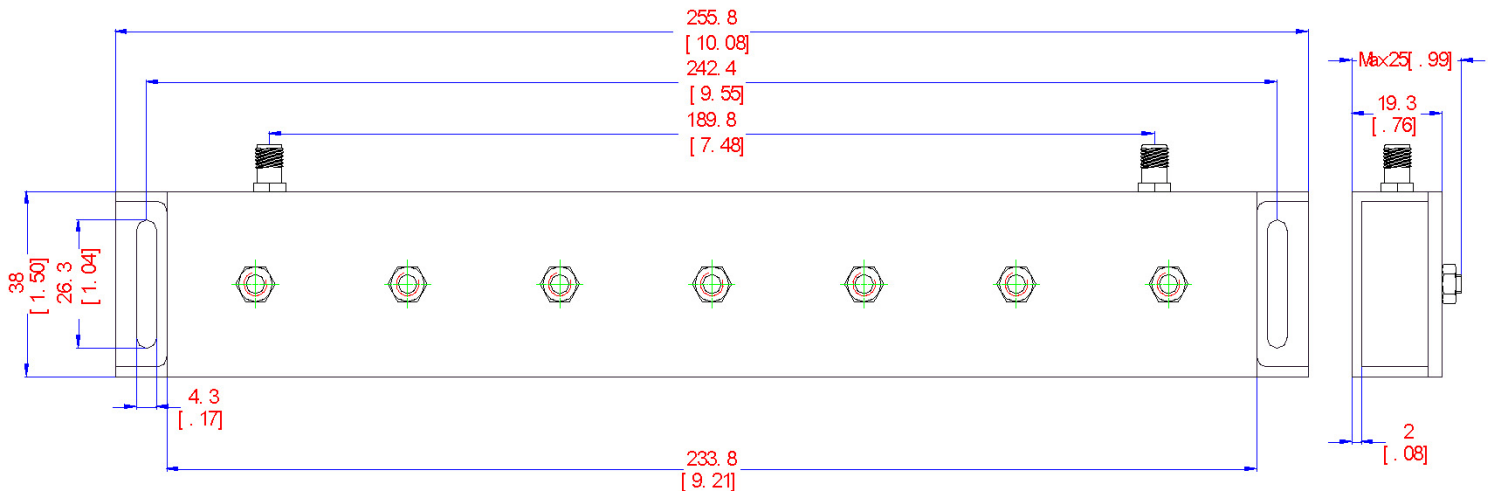
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 10.07 x 1.5 x 0.76 in.

## Environmental

**Operating Temperature:** -45 to +85 deg.C  
**Storage Temperature:** -55 to +95 deg.C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:





### Response Plot:

