



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

## WiFi Cavity Bandpass Filter

**Part Number: AB2050B686**



### Electrical specifications

**Center Frequency:** 2050.5 MHz  
**Bandwidth:** 12 MHz  
**50 dB Bandwidth:** 30 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 2044.5 – 2056.5 MHz  
**Passband Insertion Loss:** 3 dB max  
**Passband Ripple:** 1.5 dB max  
**Rejection:** >50 dB @ 2035.5 MHz  
**Rejection 2:** >50 dB @ 2065.5 MHz  
**VSWR (Input and Output):** 1.5:1  
**Power Handling:** 50 W

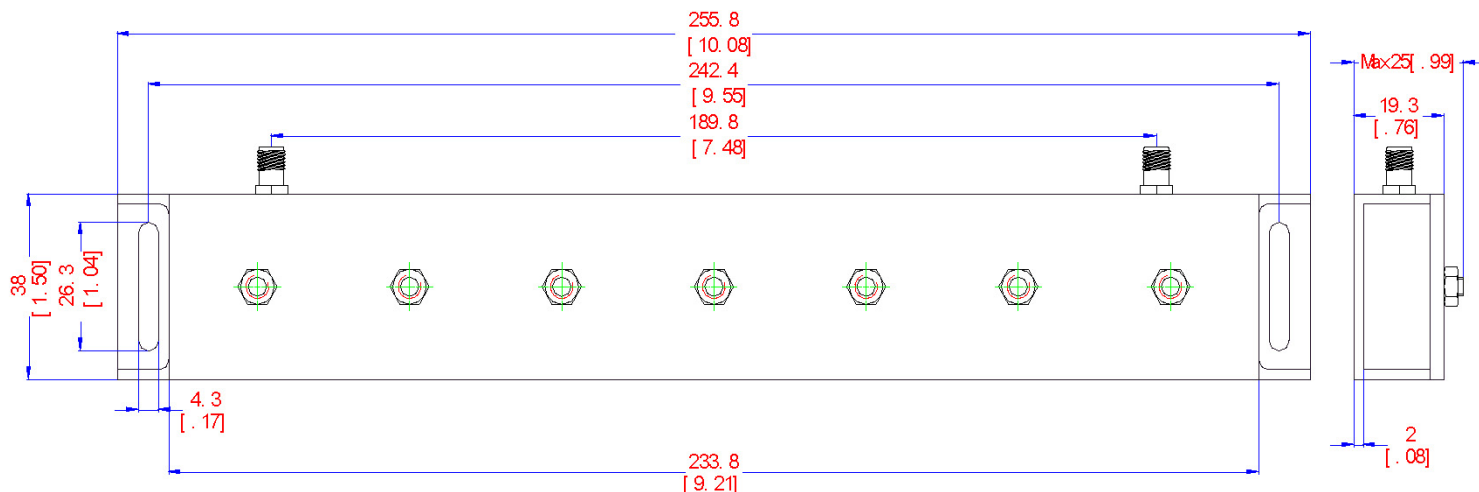
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 10.07" X 1.5" X 0.76"

### 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:





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### Response Plot:

