



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

## Wi-Fi Cavity Bandpass Filter

**Part Number: AB2447B1091**



### Electrical specifications

**Center Frequency:** 2447 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

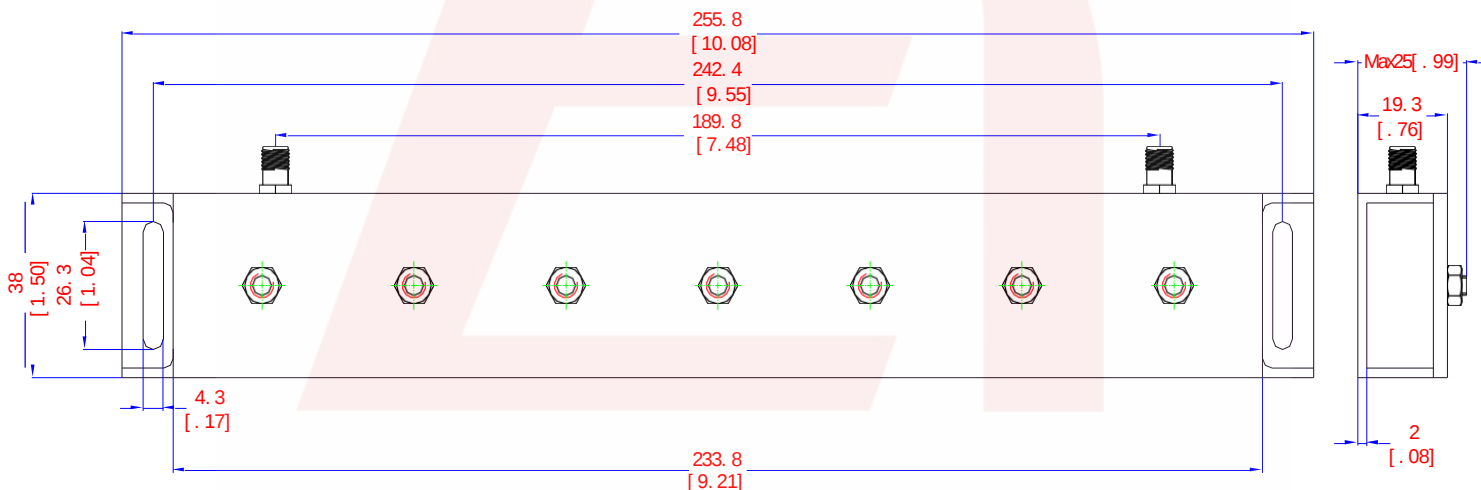
**Operating Temperature:** -45 to +85 deg.C

**Storage Temperature:** -55 to +95 deg.C

**Shock:** 20 G. 11ms

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

### Outline Drawing:



DS-B1091-03152018-Rev0



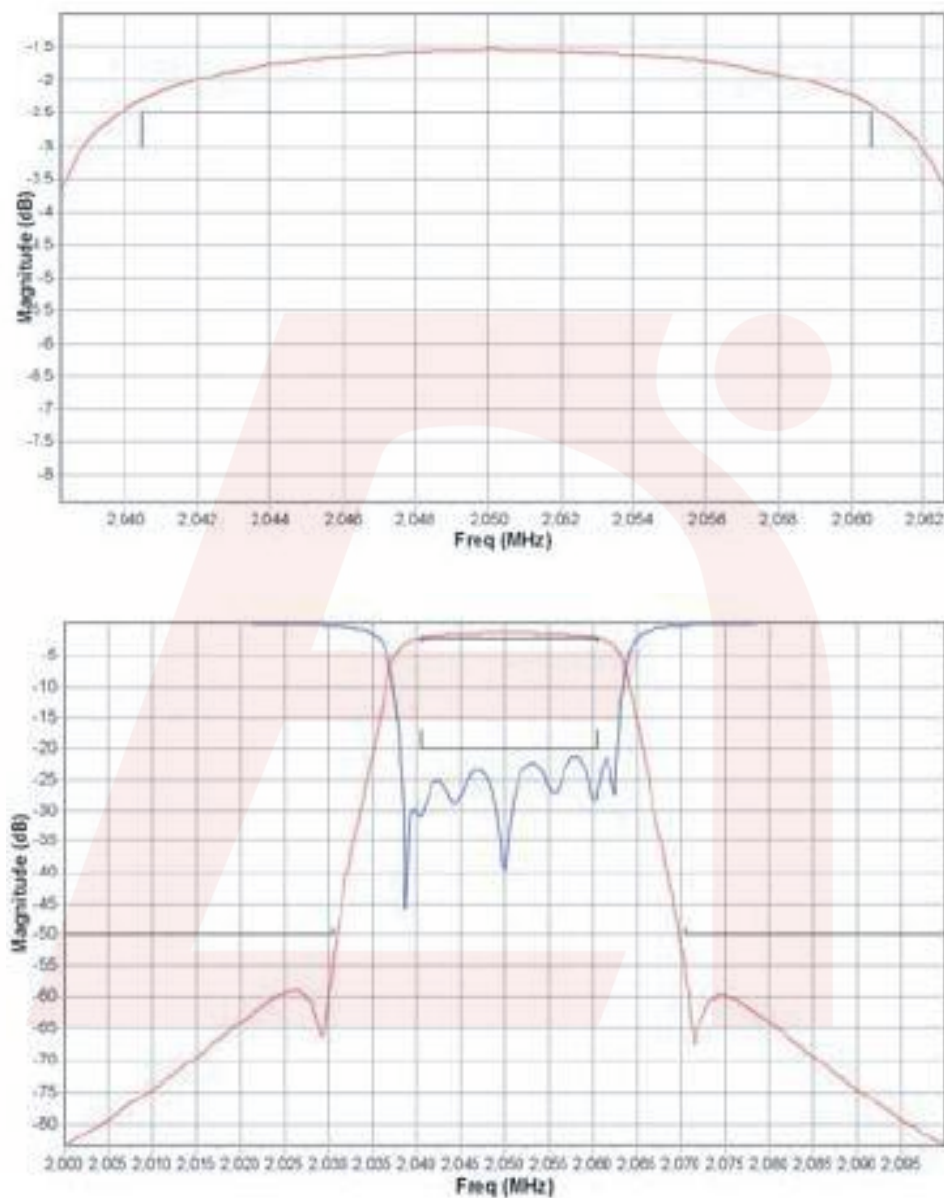
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### Response Plot:



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