



# WiFi Cavity Bandpass Filter for Outdoor

## Part Number: AB2436B479



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

### Electrical specifications

- Center Frequency:** 2436.5 MHz
- Bandwidth: (-3 dB):** 70 MHz
- Input / Output Impedance:** 50 Ohm
- Passband:** 2401.5 – 2471.5 MHz
- Passband Insertion Loss:** <1.1dB(0.9dB typical)
- Passband Ripple:** <0.2 dB
- Passband Return Loss:** 15dB (-18dB typical)
- Selectivity:**
  - 20dB BW: <91 MHz (Fc+/-45.5MHz)
  - 30dB BW: <106MHz (Fc+/-53 MHz)
  - 60dB BW: <150MHz (Fc+/-75 MHz)
- Harmonic Rejection:** >80dB (90dB typical)
- Power Handling:** 50 W

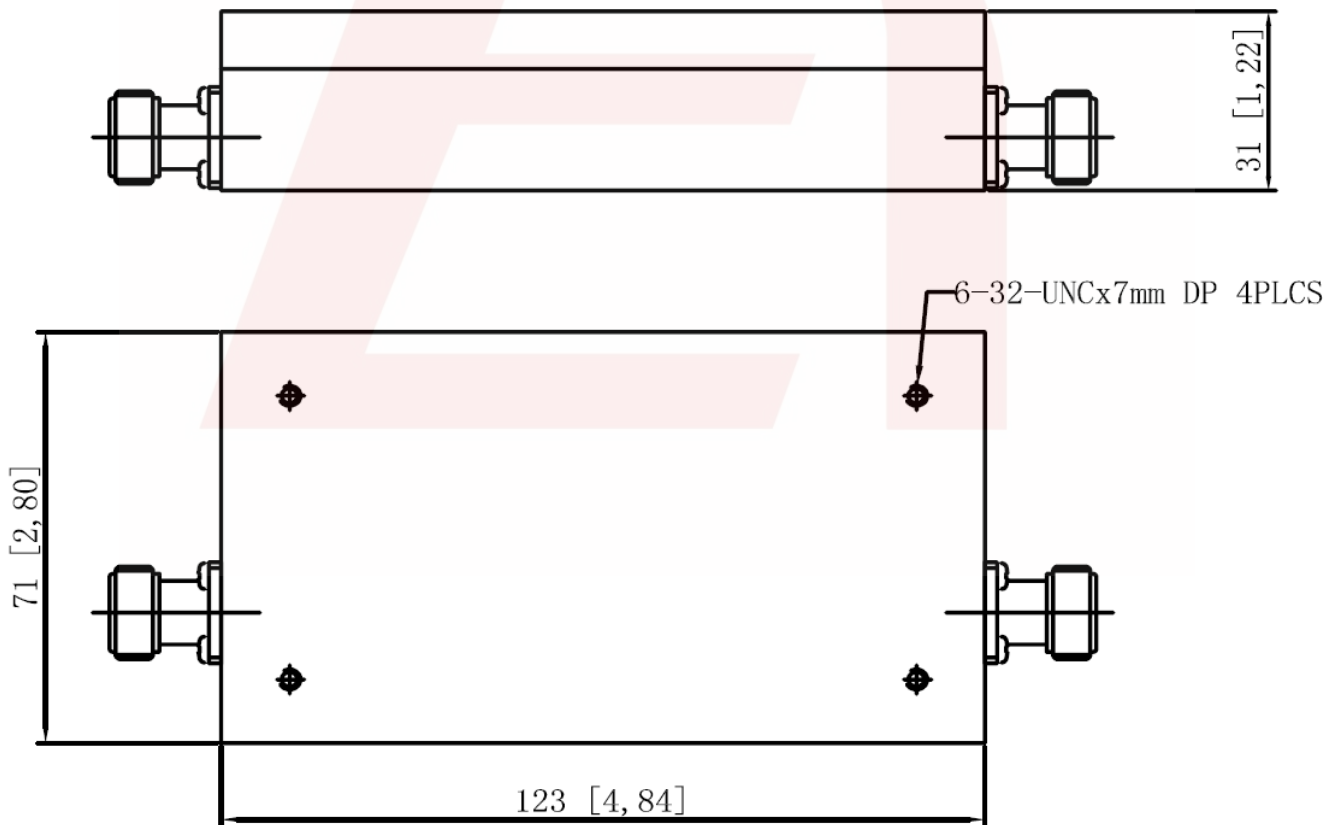
### Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** 2 N-Type Female
- Dimensions:** 4.84" x 2.8" x 1.22"

### Environmental

- Operating Temperature:** -40 to +85 deg.C
- Storage Temperature:** -55 to +95 deg.C
- Shock:** 20 G. 11ms
- Vibration:** 20 G. 5 to 200 MHz

### Outline Drawing:



DS-B479-08152011-Rev0



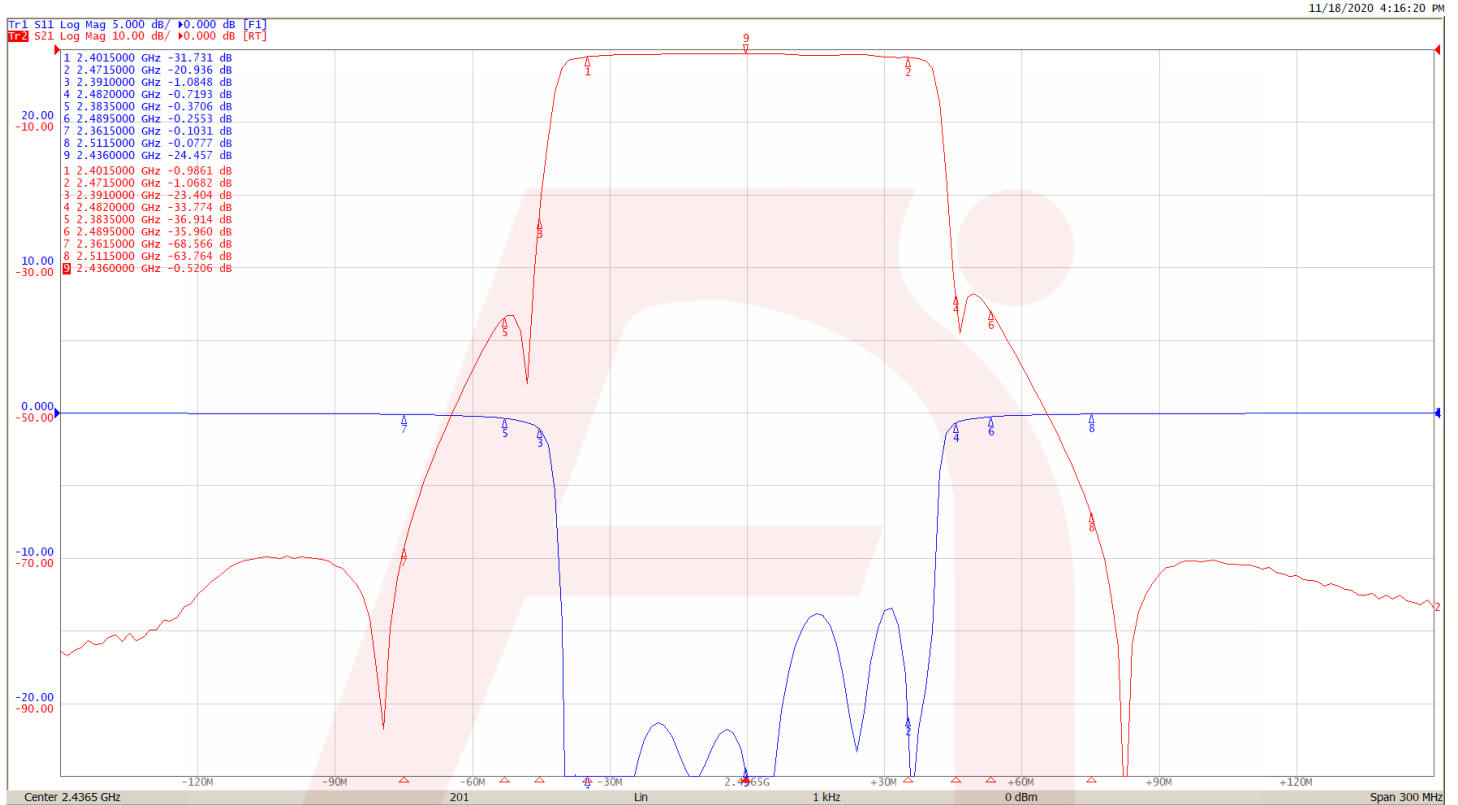
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### Response Plot:



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