



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

## WiFi Bandpass Filter

### Part Number: AB2533B594



#### Electrical specifications

**Center Frequency:** 2533 MHz  
**Bandwidth:** (-3 dB): 73 MHz  
**Input / Output Impedance:** 50 Ohm  
**Passband:** 2496.5-2569.5 MHz  
**Passband Insertion Loss:** <1.1dB(0.9dB typical)  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** 15dB (-18dB typical)  
**Selectivity:** 30dB BW: <106MHz (Fc +/- 53MHz)  
60 dB BW: >150MHz (Fc +/- 75MHz)  
**Harmonic Rejection:** >80 dB (90 dB typical)  
**Power Handling:** 50 Watts

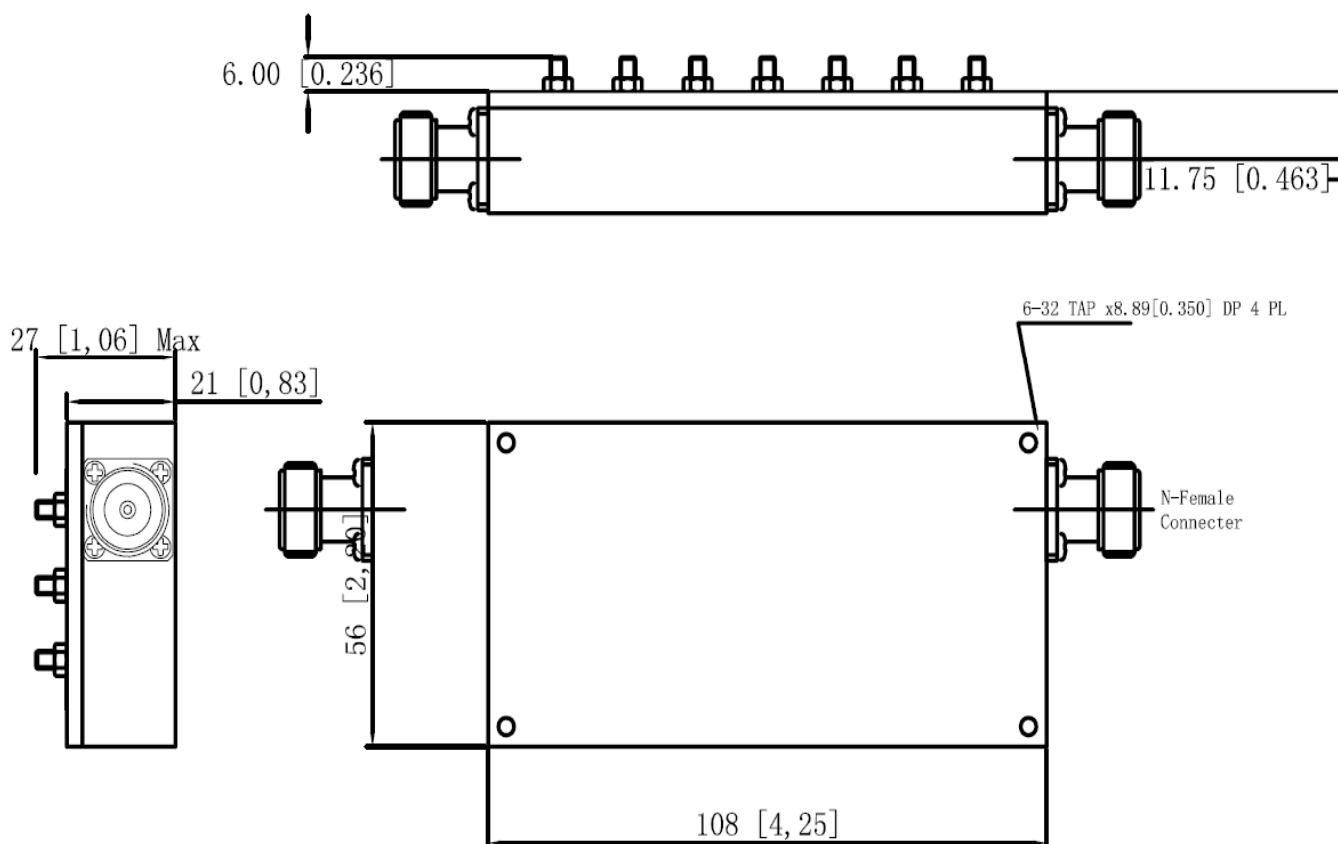
#### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** 2 N-Type Female  
**Dimensions:** 4.3" x 2.2" x 0.8"

#### Environmental

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

#### Outline Drawing:





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### Response Plot:

