



# 2437 MHz Cavity Band Pass Filter



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

**Part Number: AE2437B1356**

## Electrical specifications

**Center Frequency:** 2437 MHz  
**Bandwidth:** 30 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 2422-2452 MHz  
**Passband Insertion Loss:** @ 2437 MHz: <2 dB  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** @ 2437 +/- 10 MHz: 18dB  
**Rejection:** >60dB @ 2412 MHz  
>60dB @ 2462 MHz  
**Power Handling:** 50 W

## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 108mm x 56mm x 21mm

## Environmental

**Operating Temperature:** 0 to +50 deg.C  
**Storage Temperature:** -45 to +95 deg.C  
**Shock:** 20 G. 11ms  
**Vibration:** 20G. 5 to 200 MHz

## Outline Drawing:

