



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

## 2441 MHz Waveguide Band stop Filter

**Part Number: AE2441WN2219**



### Electrical Specifications

**Stop Band Frequency:** 2400~2483MHz

**Stop Band Attenuation:**  $\geq 50$ dB

**Pass Band Frequency:**

DC~2370MHz & 2500~6000MHz

**Pass Band Insertion Loss:**  $\leq 1.5$ dB

**Return Loss:**

$\geq 15$ dB @ DC~2370MHz、2500~4000MHz

$\geq 12$ dB @ 4000~6000MHz

**Impedance:** 50 Ohms

**Power Handling:** 50W

### Mechanical

**Mounting Method:** Threaded Mounting Holes

**Connector Type:** SMA-Female

**Dimensions:** 376 x 42.5 x 36 mm

### Environmental

**Operating Temperature:**  $-45^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

**Storage Temperature:**  $-55^{\circ}\text{C}$  to  $+95^{\circ}\text{C}$

**Shock:** 20 G. 11ms

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

### Outline Drawing:

