



# 2143 MHz Waveguide Band stop Filter

Part Number: AE2143WN2220



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

## Electrical Specifications

**Stop Band Frequency:** 2139~2147MHz  
**Stop Band Attenuation:** ≥35dB  
**Pass Band Frequency:**  
DC~2089MHz & 2197~6000MHz  
**Pass Band Insertion Loss:** ≤0.8dB  
**Pass Band VSWR:**  
≤1.5:1 @ DC~2089MHz & 2197~5600MHz  
≤1.8:1 @ 5600~6000MHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤20W

## Mechanical

**Mounting Method:** Thru Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 81 x 42 x 22 mm

## Environmental

**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -55°C to +95°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz

## Outline Drawing:

