



# 16000 MHz Waveguide Bandpass Filter

Part Number: AE16000WB11563



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

## Electrical Specifications

**Center Frequency:** 16GHz  
**Pass band Bandwidth:** 60MHz (15.97~16.03GHz)  
**Insertion Loss at Center Frequency:**  
≤2.0dB @ 16GHz  
**Pass Band VSWR:** ≤1.4:1  
**Stop Band Rejection:**  
≥40dB @ F0±100MHz  
(15.9GHz,16.1GHz)  
**Impedance:** 50 Ohms  
**Power Handling:**  
Average:4W / Peak:400W(1% duty cycle)

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 117 x 24 x 14 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:

