



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

# 9660 MHz Cavity Bandpass Filter

**Part Number: AB9660B1143**



## Electrical specifications

**Center Frequency:** 9660 MHz  
**Bandwidth:** 220 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 9550-9770 MHz  
**Passband Insertion Loss:**  $\leq 1.0$ dB  
**Passband Ripple:**  $< 0.2$ dB  
**Passband Return Loss:**  $\geq 15$ dB  
**Rejection:**  $\geq 70$ dB@9360, 9960MHz  
**Power Handling:** 2W

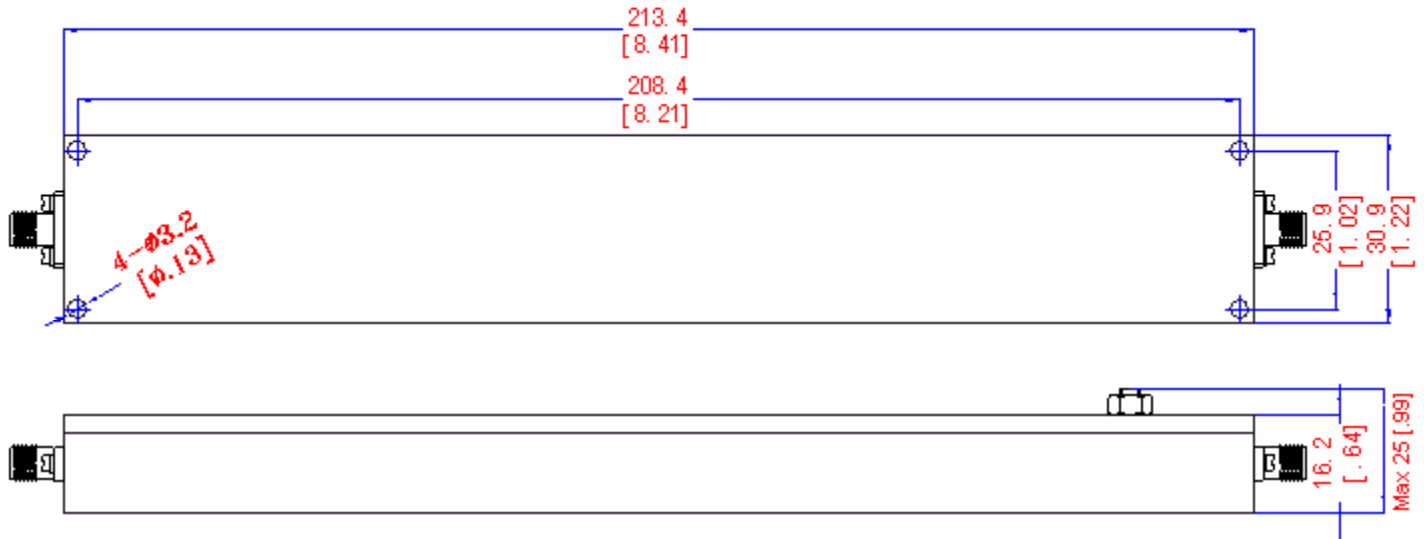
## Mechanical

**Connector Type:** SMA (F)  
**Dimensions:** 8.41 x 1.22 x .64 inches

## Environmental

**Operating Temperature:** -0 to +50 deg.C  
**Storage Temperature:** -55 to +95 deg.C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:





### Response Plot:

