



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

# 9000-10000 MHz Cavity Bandpass Filter

**Part Number: AB9500B1079**



## Electrical specifications

**Passband Frequency:** 9000-10000 MHz  
**Insertion Loss @ Band Edges:**  $\leq 2.0$  dB  
**Passband Return Loss:**  $\geq 14$  dB  
**Rejection:**  $\geq 20$  dB @ 8900 MHz  
**Rejection 2:**  $\geq 20$  dB @ 10100 MHz  
**Input / Output Impedance:** 50 Ohms  
**Power Handling:** 1W(CW)

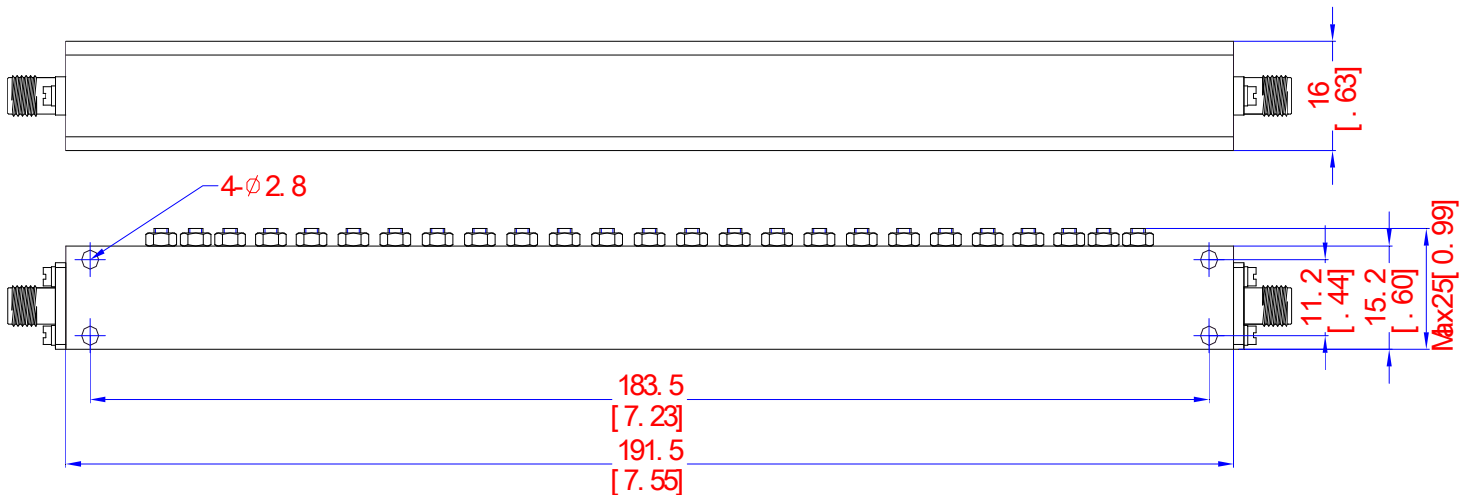
## Mechanical

**Connector Type:** SMA (F)  
**Dimensions:** 7.55 x .63 x .60 inches  
**Surface Finish:** Black

## Environmental

**Operating Temperature:** -45 to +85 deg.C  
**Storage temperature:** -65 to +95 deg.C  
**Shock:** 20 G's, 1/2 sine, 11ms  
**Vibration:** 10 G's, 10-2000Hz  
**Relative Humidity:** 0-95%

## Outline Drawing:





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## Response Plot:

