



# 917 MHz Cavity Bandpass Filter

## Part Number: AB917B1023



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

### Electrical specifications

**Center frequency:** 917 MHz  
**Bandwidth:** 5.5 MHz  
**Insertion loss in the center:** 0.85 dB max  
**Attenuation 1:** >40 dB @ 1.25 MHz from edge  
**Attenuation 2:** >50 dB @ 3.25 MHz from edge  
**Return loss:** 18 dB in the 5.5 MHz band

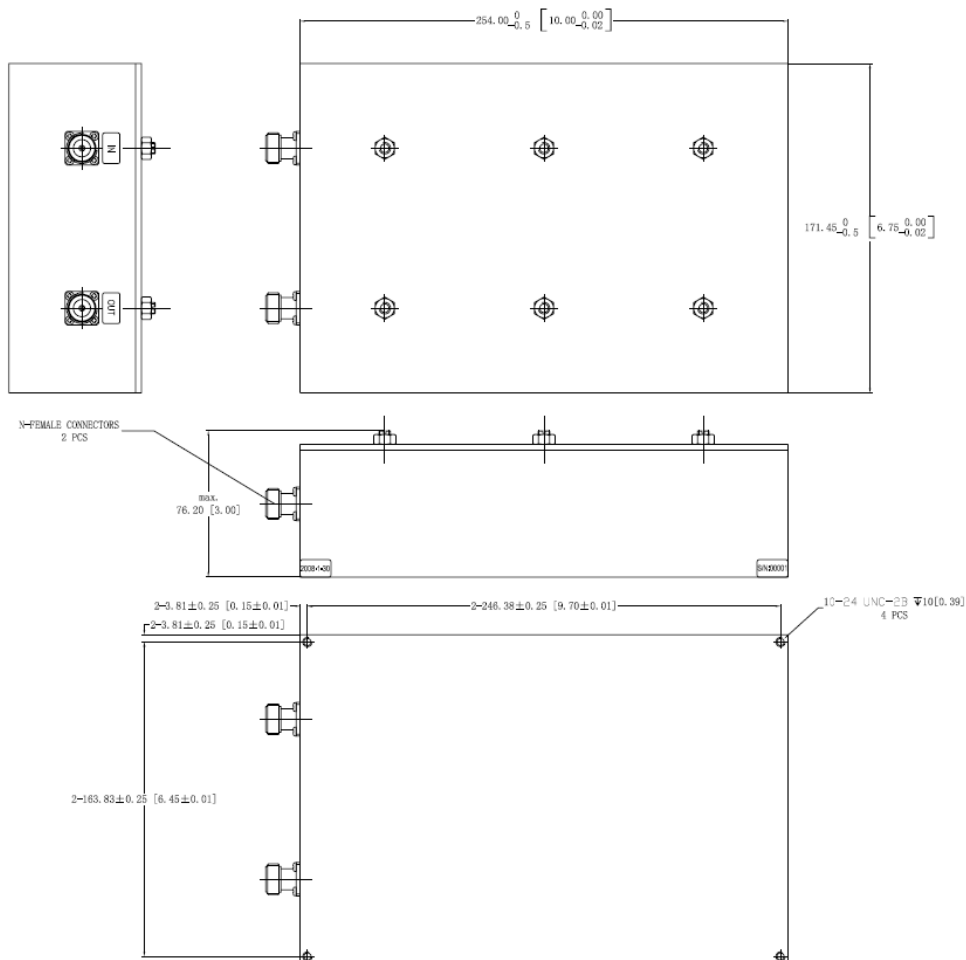
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N-Type Female  
**Dimensions:** 6.75" x 10.00" x 3.00" in

### Environmental

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

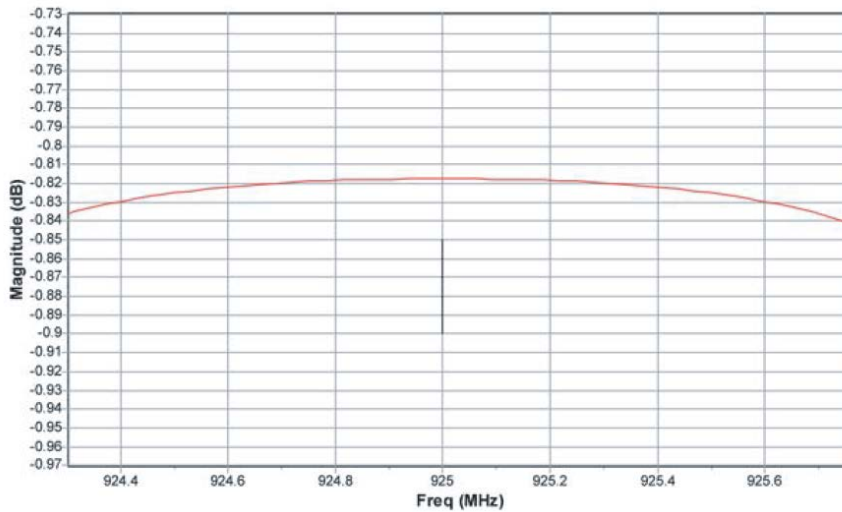
### Outline Drawing:





Plot:

# Simulation Curve Insertion loss



# Attenuation

