



### Electrical specifications

**Center Frequency:** 5550 MHz  
**Bandwidth:** 20 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 5565-5575 MHz  
**Passband Insertion Loss:** 1.75 dB  
**IL Variation:** 0.75 dB  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** >14 dB  
**Rejection:** DC-(CF-20)MHz, 20 dBc min  
**Rejection 2:** (CF+20)MHz -6200 MHz, 20 dBc  
**Power Handling:** 25 W  
**Group Delay Variation:** 4ns over any 0.5 MHz

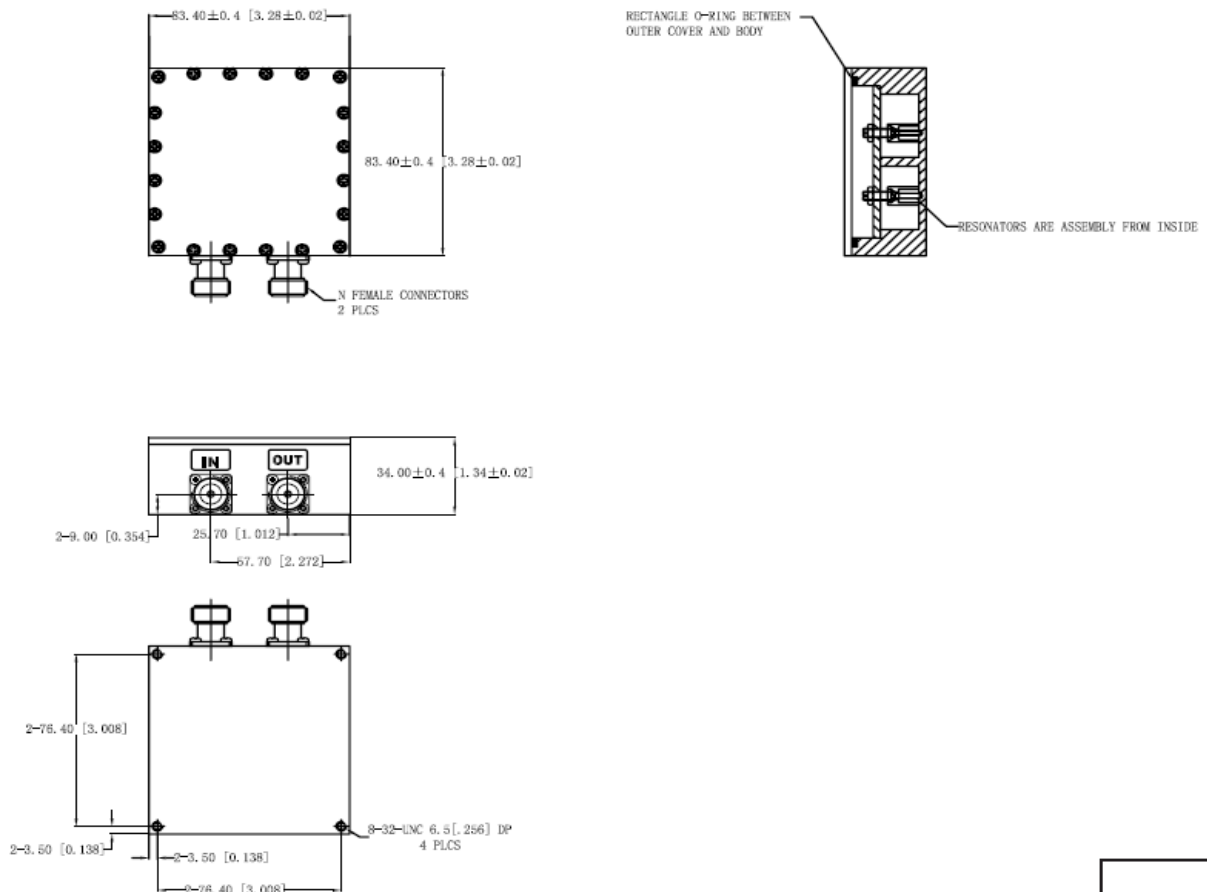
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N-Type Female and Male  
**Dimensions:** 83.4mm x 83.4mm x 32mm

### Environmental

**Operating Temperature:** -30 to +60 deg.C  
**Storage Temperature:** -55 to +95 deg.C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 MHz

### Outline Drawing:





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

# 5550 MHz WIFI Cavity Filter

Part Number: AB5550B565



## Response Plot:

