



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

## 5745 MHz WiFi Cavity Filter

**Part Number: AB5745B579**



### Electrical specifications

**Center frequency:** 5745 MHz  
**Passband bandwidth:** 40 MHz  
**Insertion loss over PB:** 1.75 dB max over PB  
**IL Variation:** 0.75 dB over PB  
**Rejection 1:** DC-(CF-40) MHz, 20 dBc min  
**Rejection 2:** DC-(+40)MHz-6200 MHz, 20 dBc min  
**Group delay variation:** 4 ns over any 0.5 MHz in PB  
**Power:** 30 Watts

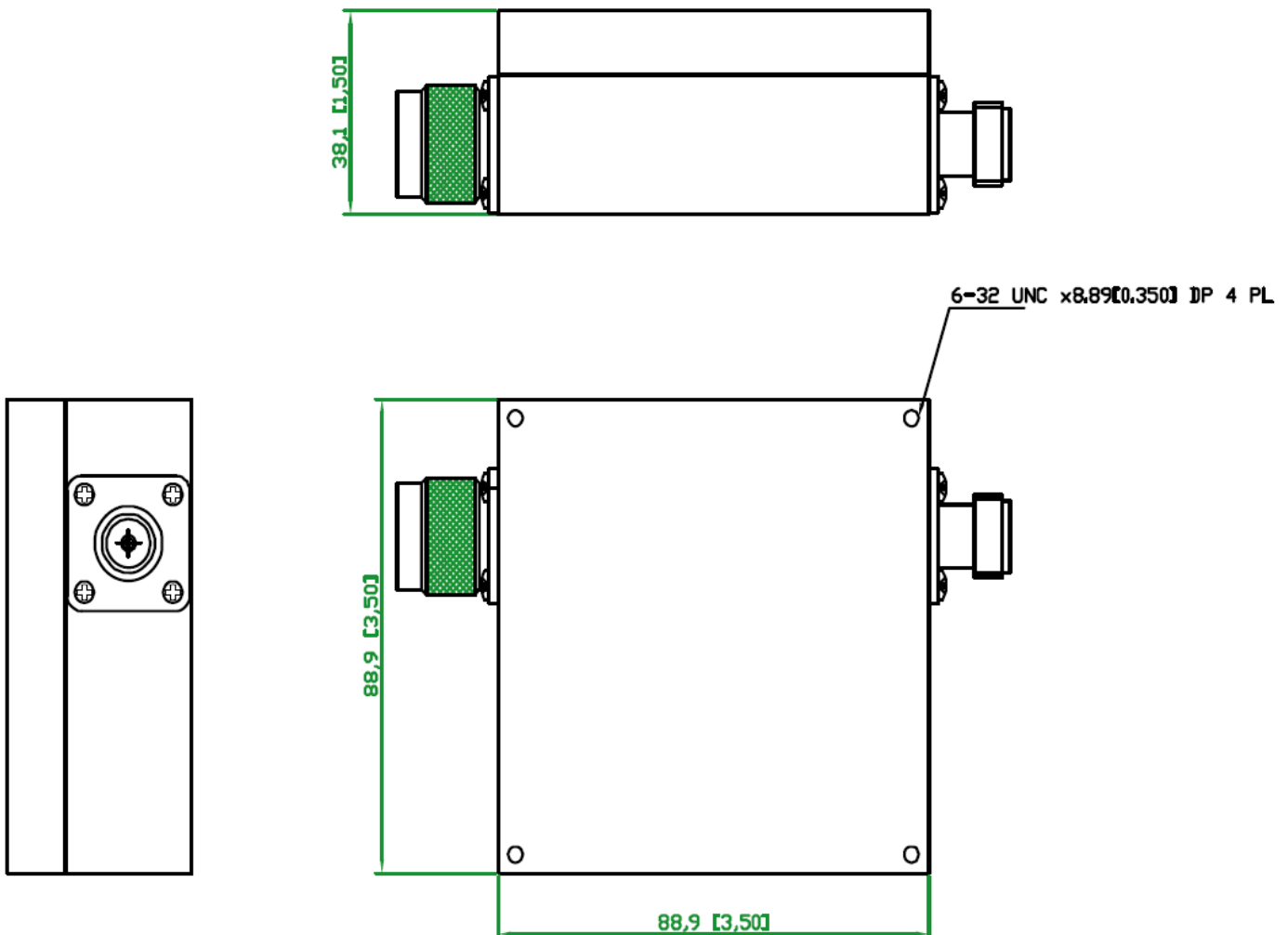
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA (F)  
**Dimensions:** 3.50" X 3.50" X 1.50" in

### Environmental

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

### Outline Drawing:





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**Plot:**

