



### Electrical specifications

**Center frequency:** 5785 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

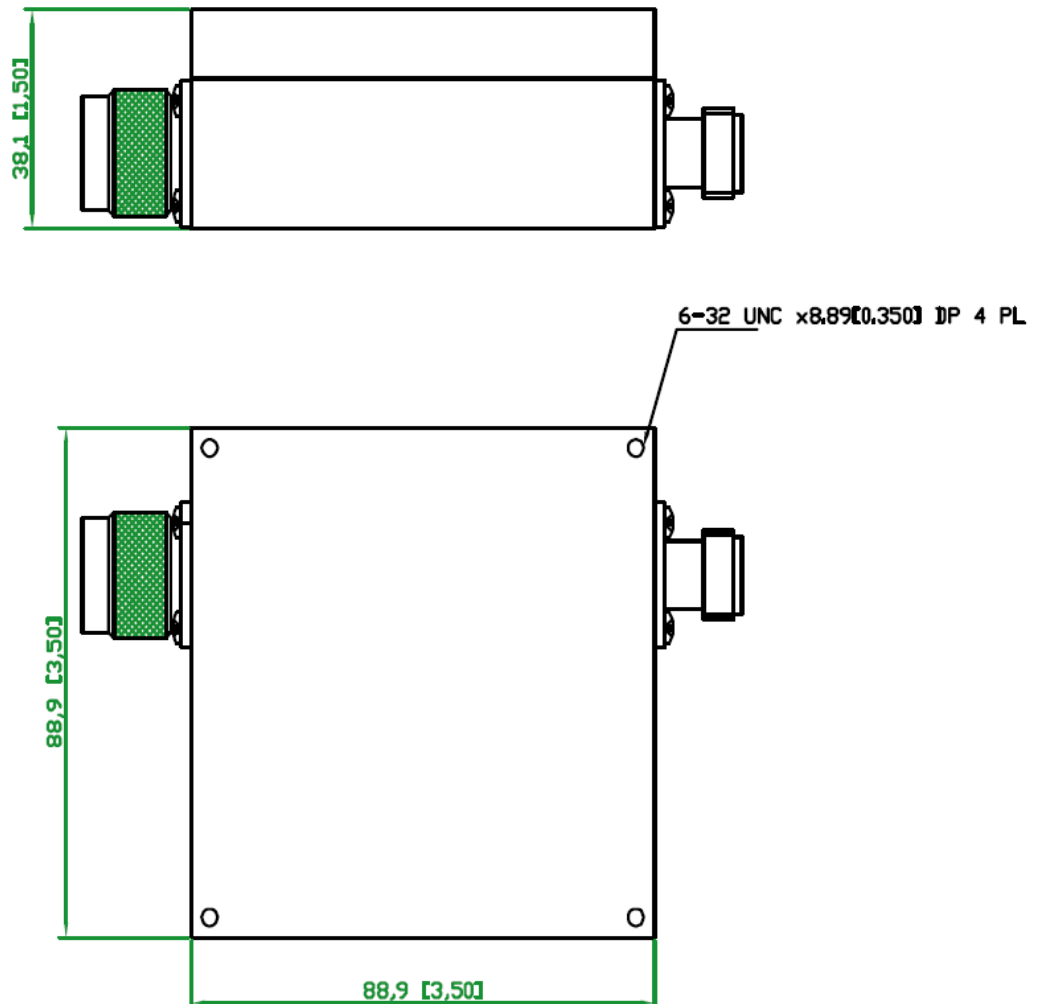
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N Female / N male  
**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 MHz

### Outline Drawing:





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

# 5785 MHz WiFi Cavity Filter

**Part Number: AB5785B582**



**Plot:**

