



# 5250-5350 MHz Cavity Bandpass Filter

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

**Part Number: AB5300B852**



## Electrical specifications

**Center frequency:** 5300 MHz  
**Passband bandwidth:** 100 MHz  
**Insertion loss over PB:** 2.5 dB max  
**Rejection 1:** DC-(CF-40)MHz, 20 dBc min  
**Rejection 2:** (CF+40)MHz-6200 MHz, 20 dBc min  
**Group delay variation:** 4 ns over any 0.5 MHz In PB  
**Power:** 50 Watt max

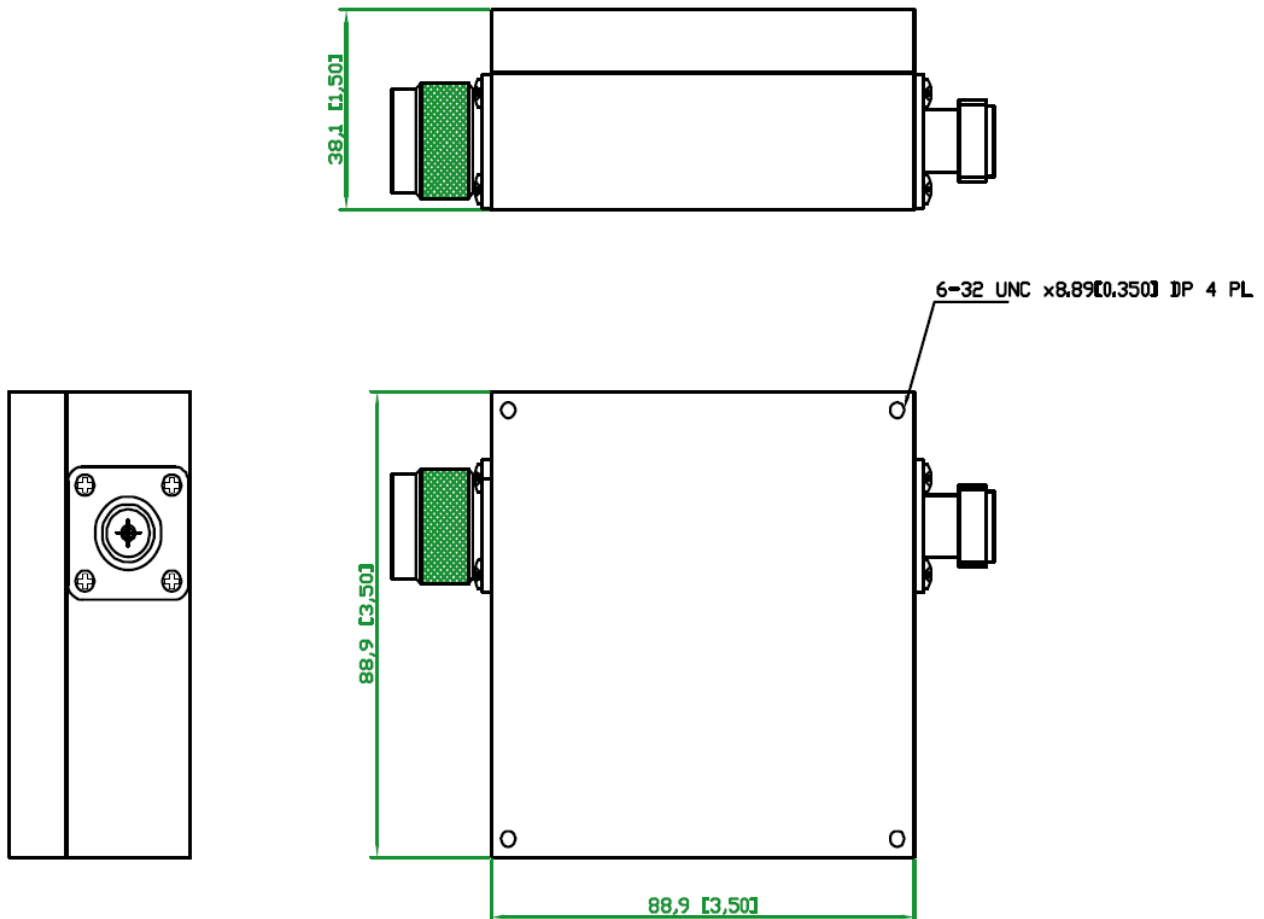
## Mechanical

**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:





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**Plot:**

