



### Electrical specifications

**Center Frequency:** 382.5 MHz  
**Bandwidth:** 5 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 380-385 MHz  
**Passband Insertion Loss:** 1.1 dB max  
**Passband Ripple:** < 0.2 dB  
**Passband Return Loss:** 20 dB  
**Rejection:** >70 dB @ 389 MHz  
**Power Handling:** 10 Watts

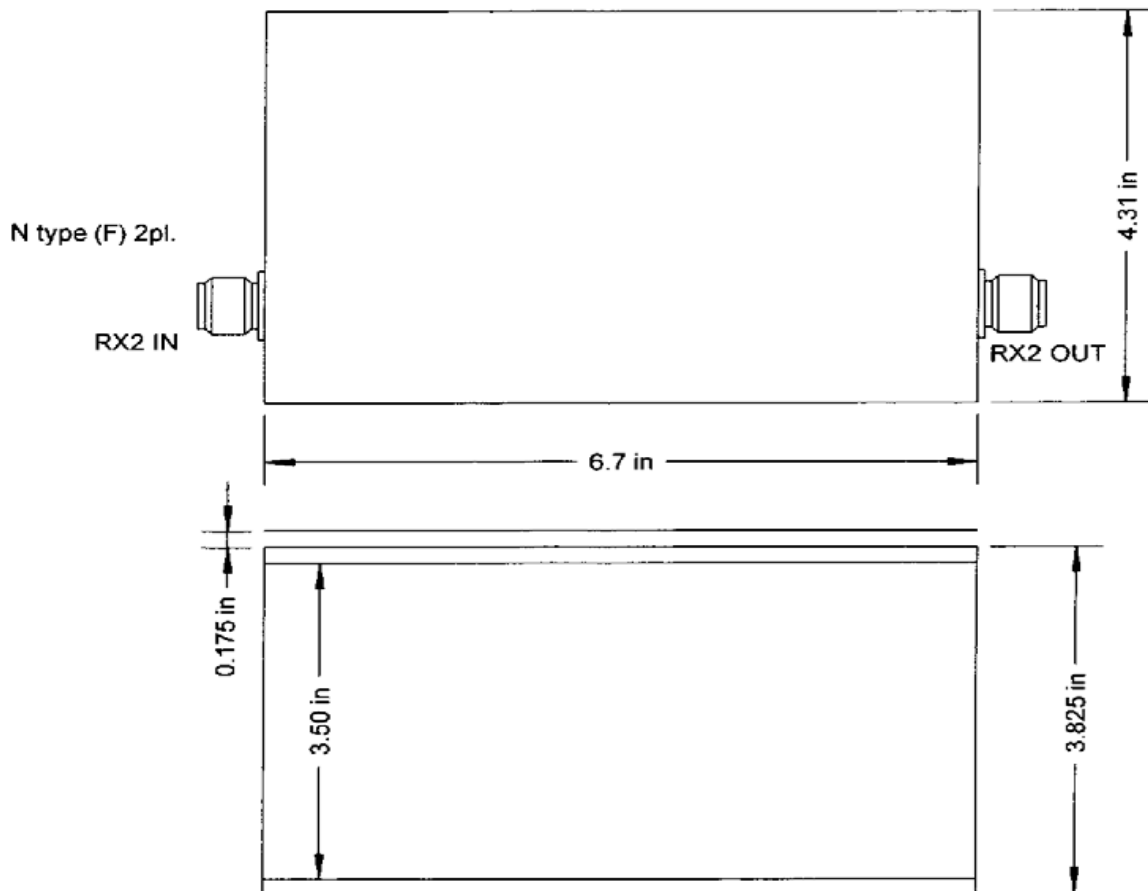
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N-Type Female  
**Dimensions:** 6.7 x 4.31 x 3.8 in.

### Environmental

**Operating Temperature:** -45 to +85 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

# 380-385 MHz Cavity Bandpass Filter

Part Number: AB382B941



## Response Plot:

