



### Electrical specifications

**Center Frequency:** 2315 MHz  
**Bandwidth:** 10 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 2310 – 2320 MHz  
**Passband variation over bandwidth:** <0.5 dB  
**Passband Insertion Loss:** <1.0 dB  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** >18dB  
**Group delay variation over bandwidth:** <15 ns  
**Rejection:** 13 MHz offset from Center Frequency >20 dBc  
**Rejection 2:** 20 MHz offset from Center Frequency > 30 dBc  
**Power Handling:** 20 Watts  
**Peak Power Handling:** 150 Watts

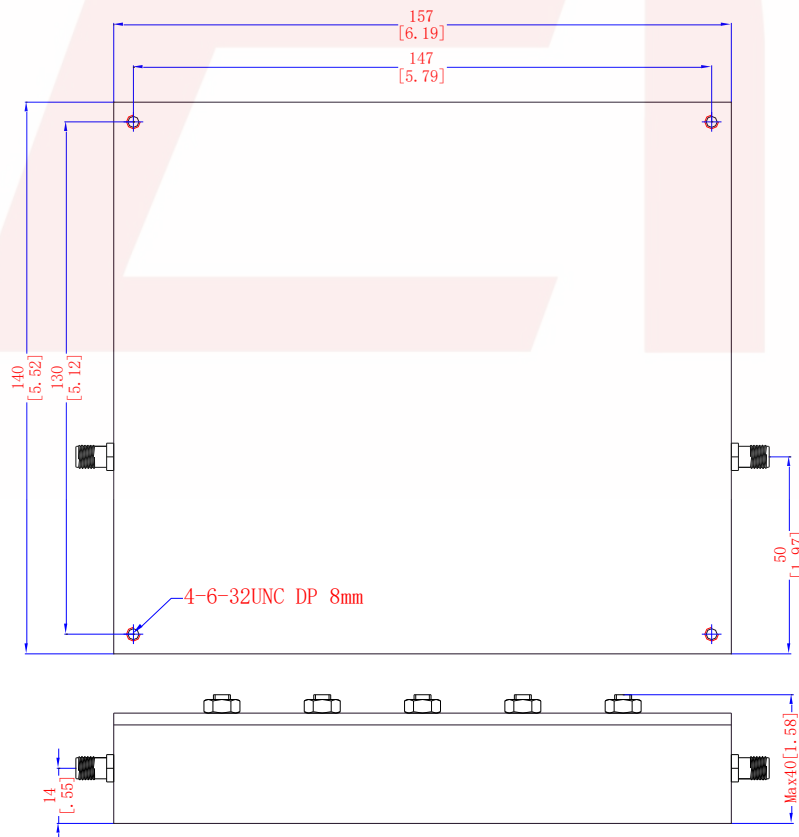
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 170 x 140 x 54 mm.

### Environmental

**Operating Temperature:** 0 to +55 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

# 2310-2320 MHz Cavity Band Pass Filter

## Part Number: AB2315B994



### Response Plot:

