



### Electrical specifications

**Center Frequency:** 2305 MHz  
**Bandwidth:** 10 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 2300 – 2310 MHz  
**Passband variation over bandwidth:** <0.5 dB  
**Passband Insertion Loss:** <1.0 dB  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** >18 dB  
**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 W (avg)  
**Peak Power Handling:** 150 W

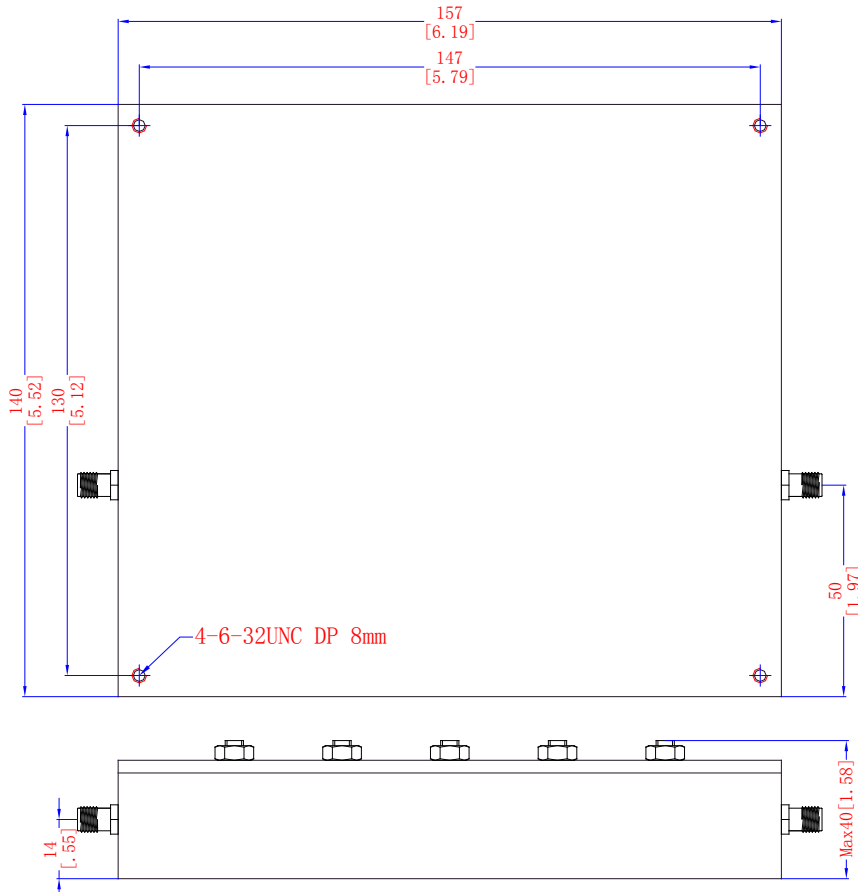
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 6.19 x 5.52 x 1.58 in

### Environmental

**Operating Temperature:** 0 to +50 deg.C  
**Storage Temperature:** -55 to +95 deg.C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 MHz

### Outline Drawing:





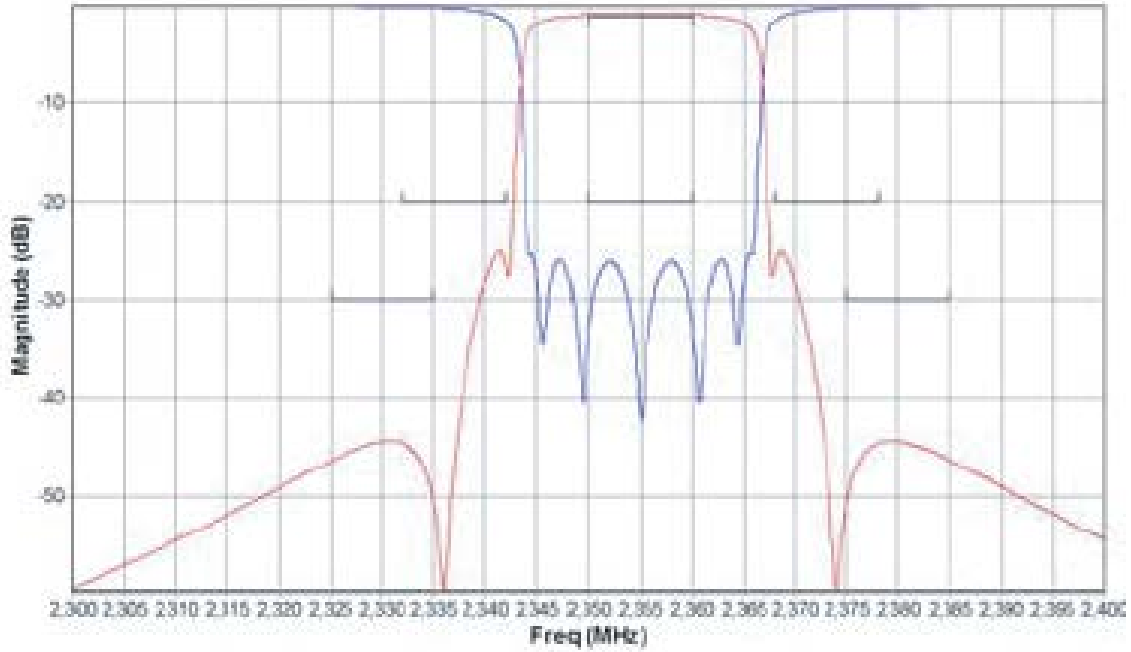
**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 2300-2310 MHz Cavity Filter

Part Number: AB2305B993



## Response Plot:



Available at our Web store:

70 Outwater Lane Phone: (973) 772-4242  
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