



# 2490 MHz WiFi Cavity Bandpass Filter

## For Outdoor Applications

Part Number: AB2490B1274-SF-O



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

### Electrical specifications

**Center Frequency:** 2490 MHz  
**Bandwidth:** 22 MHz  
**Passband:** 2479-2501 MHz  
**Passband Insertion Loss:** 3 dB max (2dB typical)  
**Passband Ripple:** 1.2 dB max  
**Passband Return Loss:** 15 dB min (18dB typical)  
**Rejection:** 60 dB min @  $F_o \pm 25$  MHz  
**Rejection 2:** 90 dBc min @  $2 \cdot F_o \pm 22$  MHz  
**Input / Output Impedance:** 50 Ohms  
**Power Handling:** 50 W

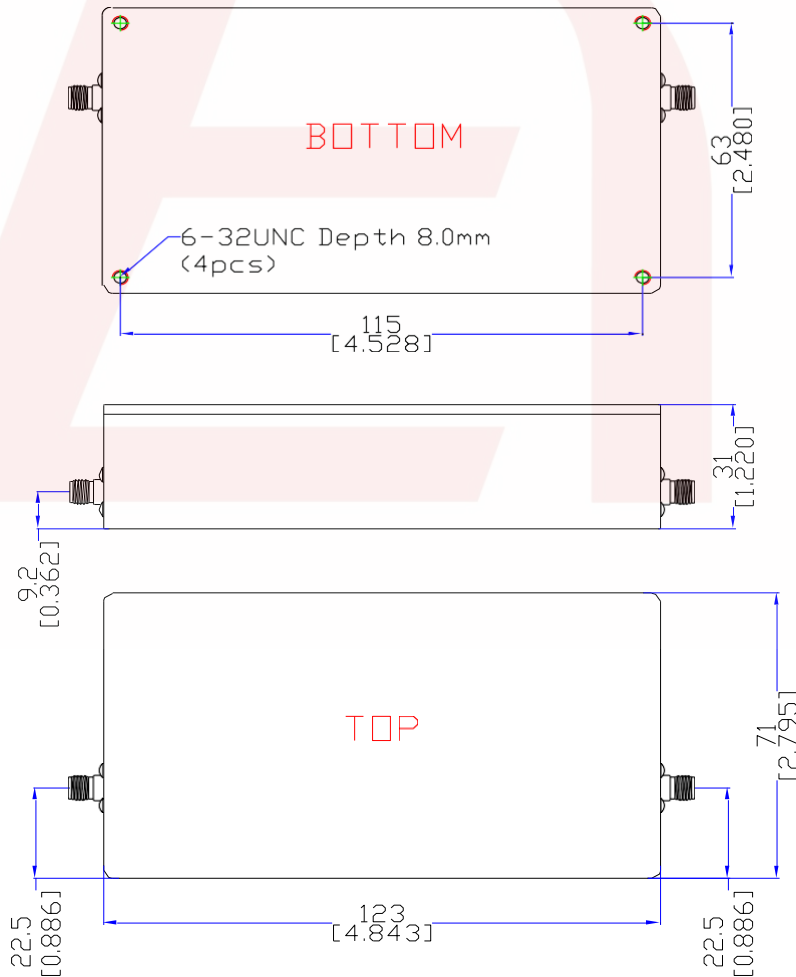
### Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 4.84 x 2.79 x 1.22 in  
123 x 71 x 31 mm

### Environmental

**Operating Temperature:** -40 to +85 deg.C  
**Storage Temperature:** -55 to +95 deg.C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz  
**IP Rating:** IP65

### Outline Drawing:



DS-B1274-SF-O-03162022-Rev0



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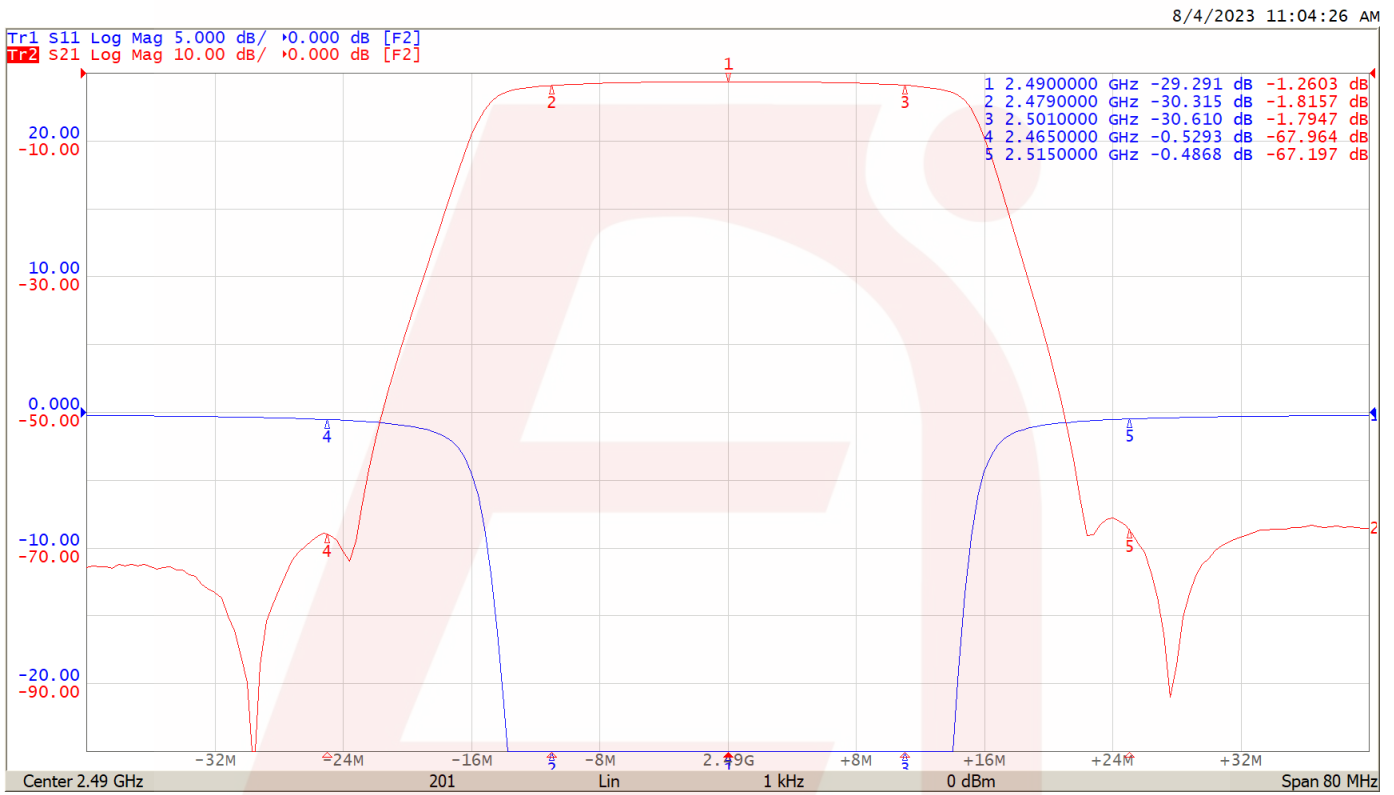
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### Response Plot:



DS-B1274-SF-O-03162022-Rev0