



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

# 2472 MHz WiFi Cavity Bandpass Filter for Outdoor

**Part Number: WiFi2472-130**



## Electrical specifications

**Center Frequency:** 2472 MHz  
**1dB Bandwidth:** 22 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband Insertion Loss:** 3 dB max  
**Passband Ripple:** 1.2 dB max  
**Passband Return Loss:** 15 dB min  
**Rejection:** 30 dB min @ Fo +/-20 MHz  
**Rejection 2:** 60 dB min @ Fo +/-25 MHz  
**Rejection 3:** 90 dBc min @ 2\*Fo +/-22 MHz  
**Power Handling:** 50 W

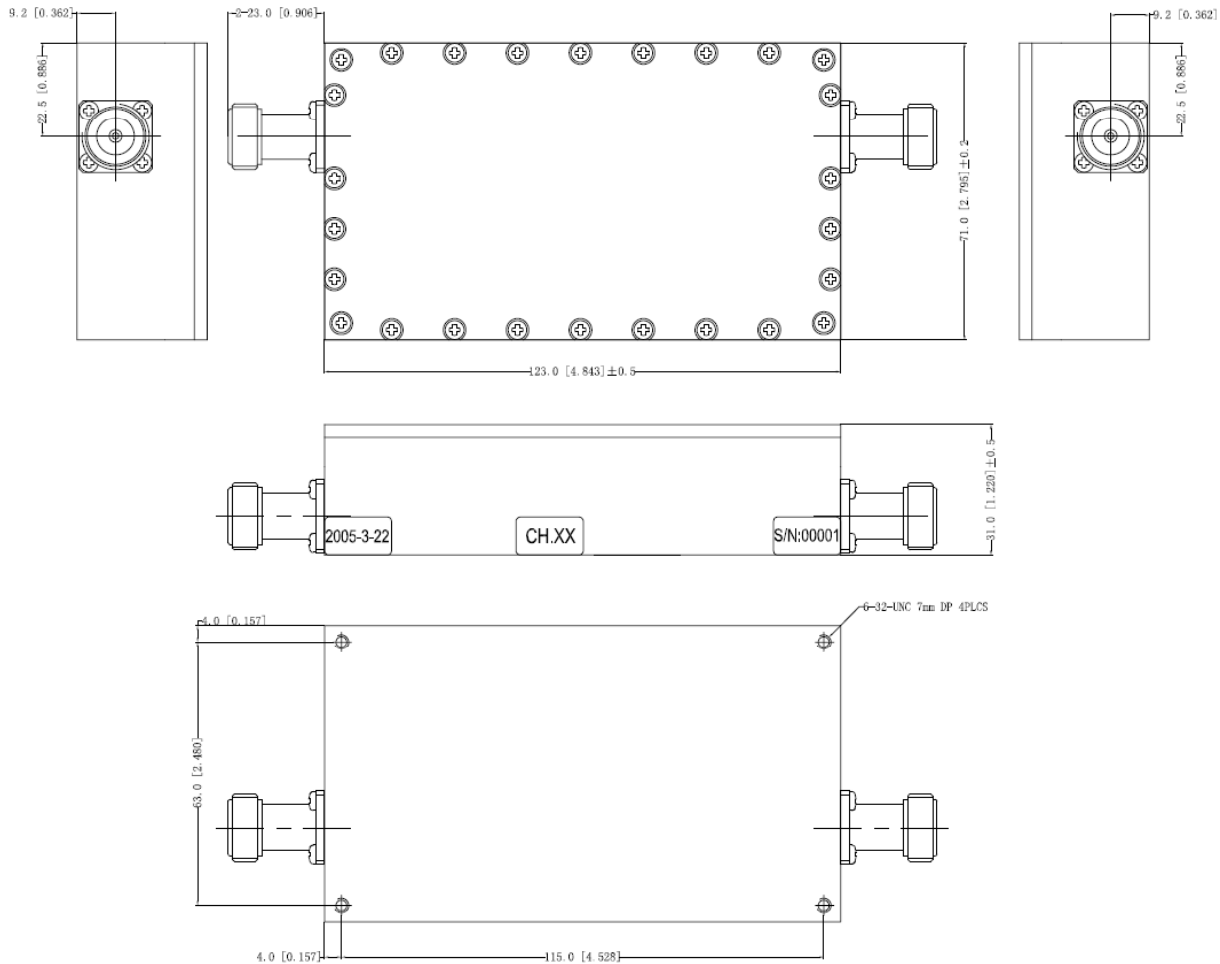
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N-Type (F)  
**Dimensions:** 123 x 71 x 31 mm

## Environmental

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

## Outline Drawing:





### Response Plot:

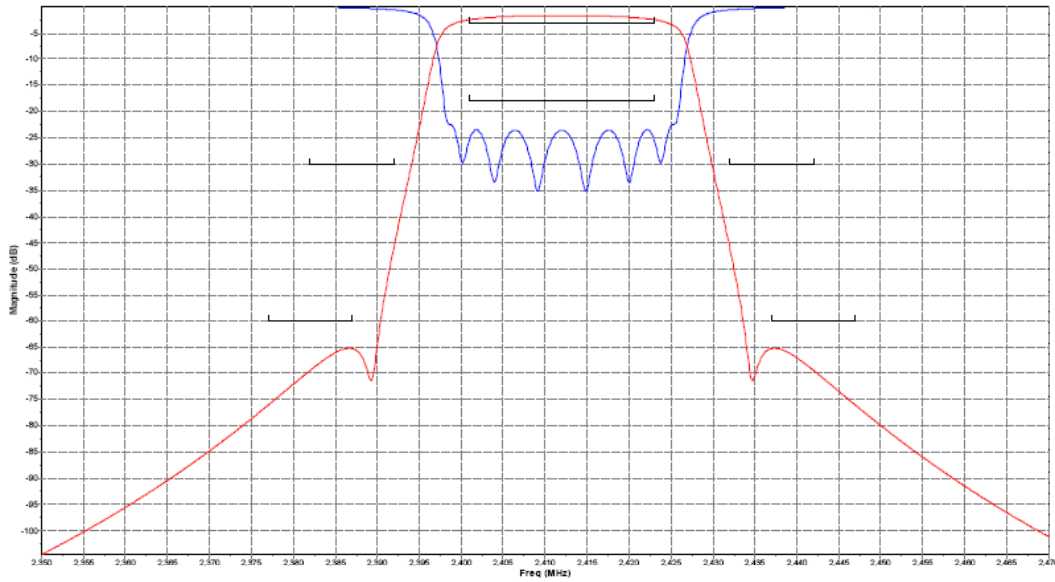


Fig.1 Return Loss and Rejection

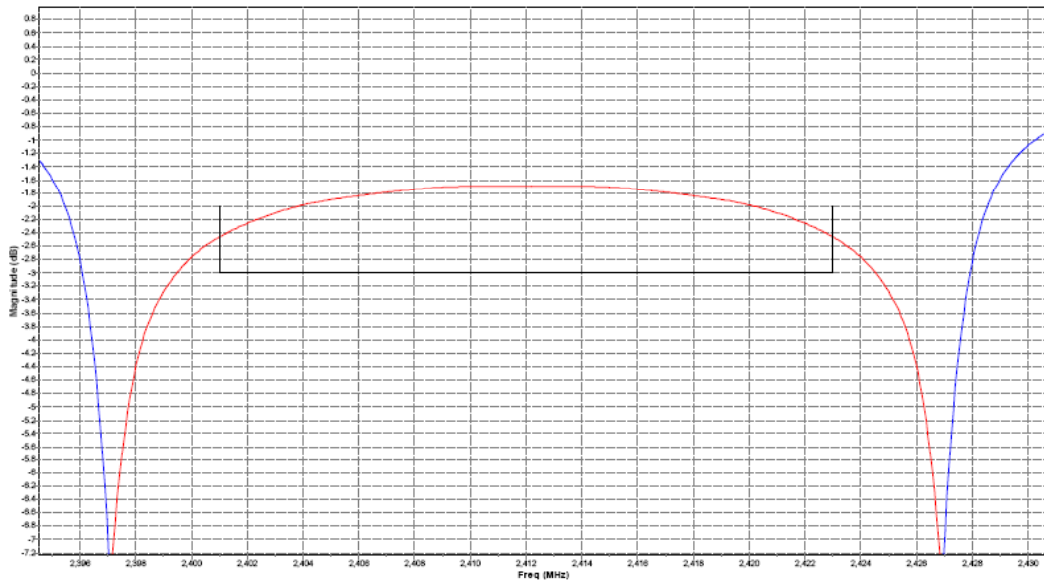


Fig.2 Insertion Loss and Ripple