



**Electrical specifications**

**Passband:** 818.5-823.5 MHz  
**Passband Insertion Loss:**  $\leq 5.5$  dB  
**Passband Return Loss:**  $\geq 14$  dB  
**Ripple:**  $\leq 4.0$  dB  
**Rejection:**  $\geq 40$  dB @ 817.8 MHz  
**Rejection 2:**  $\geq 40$  dB @ 824.2 MHz  
**Power Handling:** 50 W  
**Input / Output Impedance:** 50 Ohms

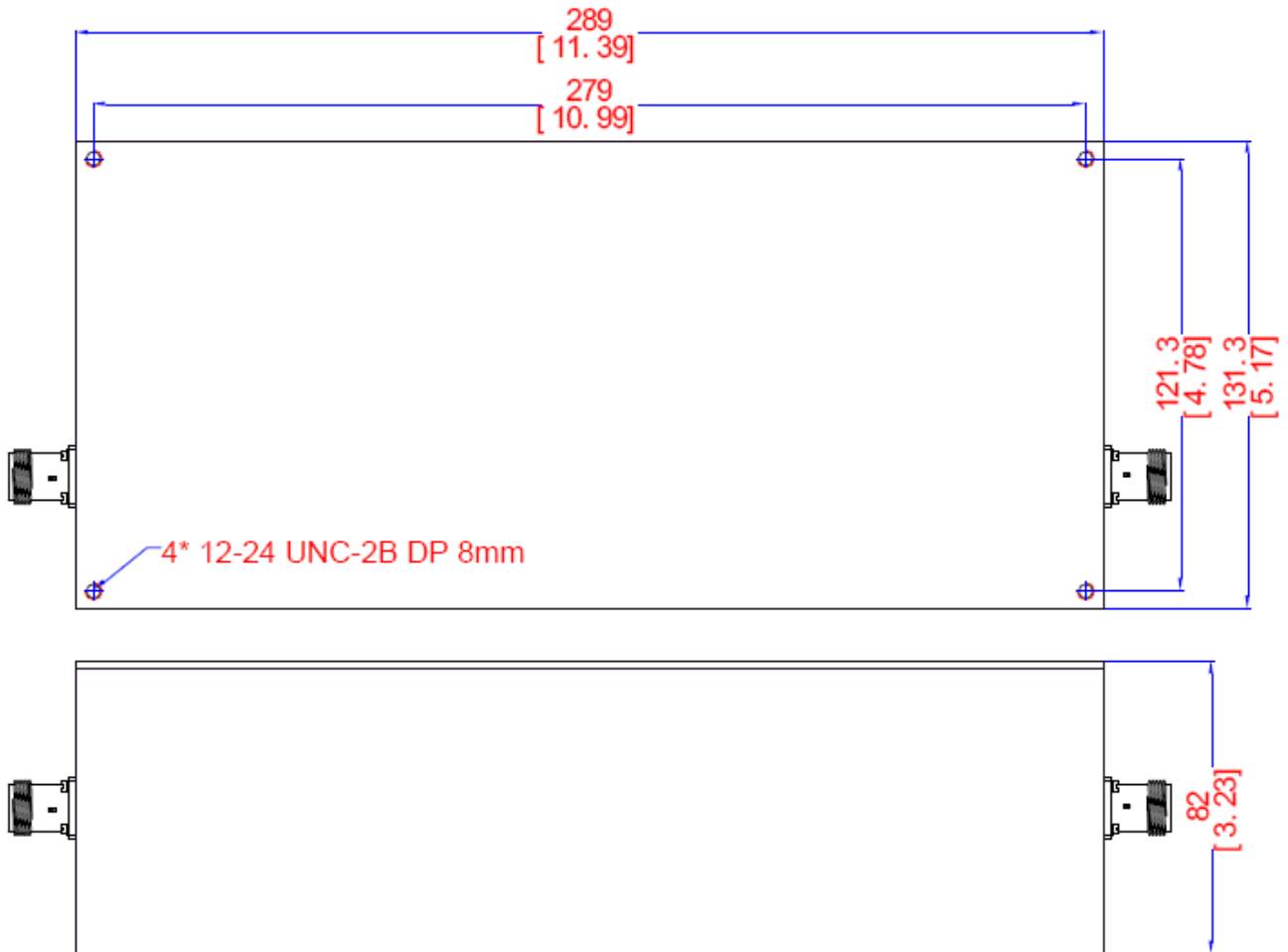
**Mechanical**

**Connector Type:** N-Type (F)  
**Dimensions:** 11.39 x 5.17 x 3.23 inches

**Environmental**

**Operating Temperature:** -45 to +85 deg. C  
**Storage temperature:** -65 to +95 deg. C  
**Shock:** 20 G's, 1/2 sine, 11ms  
**Vibration:** 10 G's, 10-2000Hz  
**Relative Humidity:** 0-95%  
**Weather Sealing:** IP66

**Outline Drawing:**





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

# 821 MHz Cavity Bandpass Filter

Part Number: AB821B1188



## Response Plot:

