



# 5700-5900 MHz Cavity Bandpass Filter

Part Number: AB5800B1249

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



## Electrical specifications

**Center Frequency:** 5800 MHz  
**Bandwidth:** 200 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 5700-5900 MHz  
**Passband Insertion Loss:**  $\leq 0.5$  dB Max  
**Passband Ripple:**  $< 0.2$  dB Max  
**Passband Return Loss:**  $< -12$  dB Max  
**Rejection:**  $\geq 60$  dB Min @ DC-5365 MHz  
**Power Handling:** 50 W

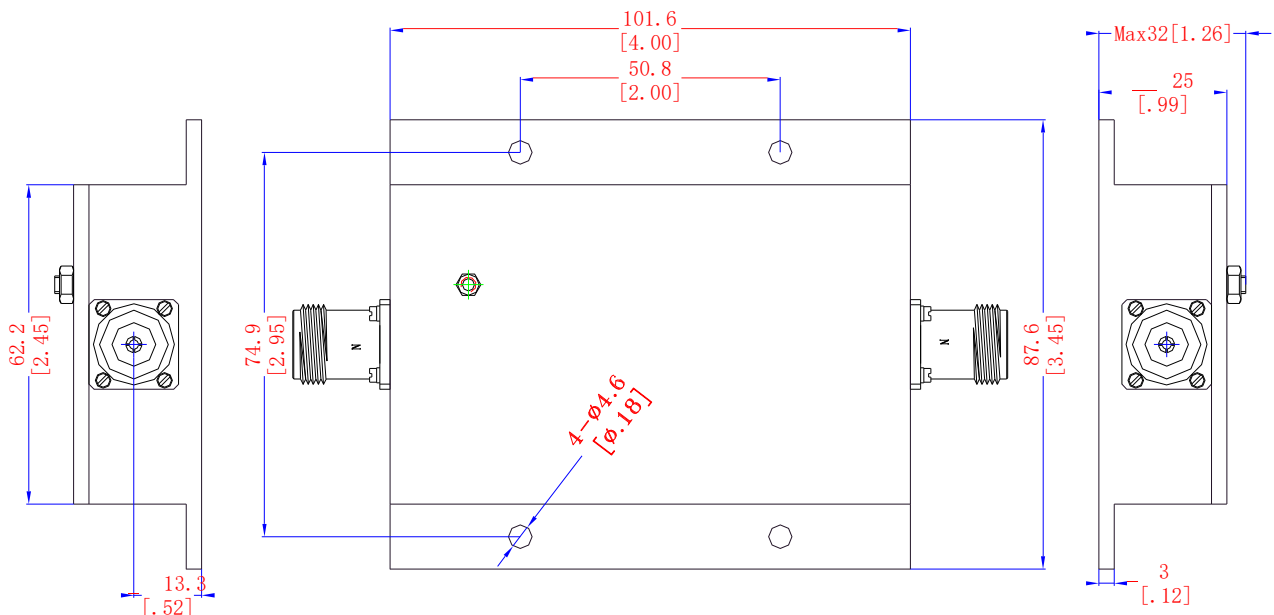
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N-Female  
**Dimensions:** 4.0" x 3.45" x 1.26"

## Environmental

**Operating Temperature:** -45 to +85 deg.C  
**Storage Temperature:** -55 to +95 deg.C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:



DS-B1249-03152018-Rev1



### Response Plot:

