



### Electrical specifications

**Center Frequency:** 8400 MHz  
**Pass Band:** 8100 – 8700 MHz  
**Insertion Loss:** 2.0 dB Max  
**Return Loss:** 15 dB Min  
**Rejection:** 10 dB min @ 8000 MHz  
**Rejection:** 10 dB min @ 9000 MHz  
**Power Handling:** 30W  
**Impedance:** 50 Ω

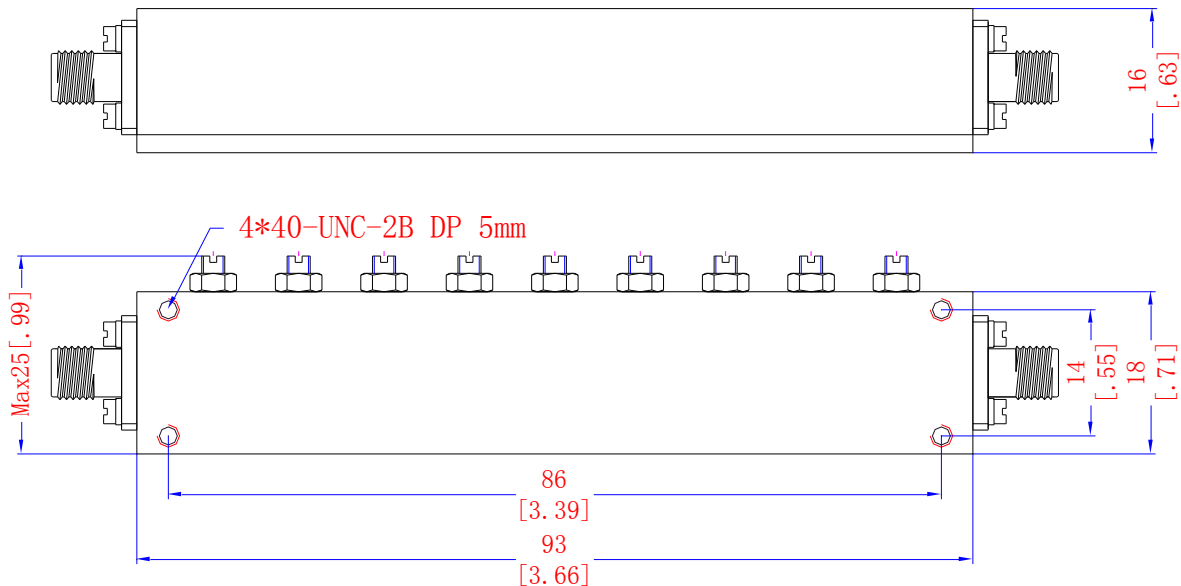
### Mechanical

**Connector Type:** SMA Female  
**Mounting:** 4-40 Threaded Mounting Hole  
**Dimensions With Mounting:** 3.66 x 0.99 x 0.63 in

### Environmental

**Operating Temperature:** -20 to +70° C  
**Storage Temperature:** -55 to +85° C  
**Shock:** 20G for 11ms half sine wave, 3 axis both directions  
**Vibration:** 20 G. 5 to 200 MHz

### Outline Drawing:





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

# 8400 MHz Cavity Bandpass Filter

**Part Number: AE8400B11481**



## Response Plot:

