



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

# 420 MHz Cavity Bandpass Filter

Part Number: AE420B12316



## Electrical specifications

**Center Frequency:** 420 MHz  
**Passband:** 390 – 450 MHz  
**Insertion Loss:** 1.0 dB Max  
**Return Loss:** 17 dB Min  
**Rejection:** 80 dB Min @ DC – 370 MHz  
**Rejection:** 80 dB Min @ 470 – 3000 MHz  
**Input / Output Impedance:** 50 Ohms  
**Power Handling:** 200 W CW Max

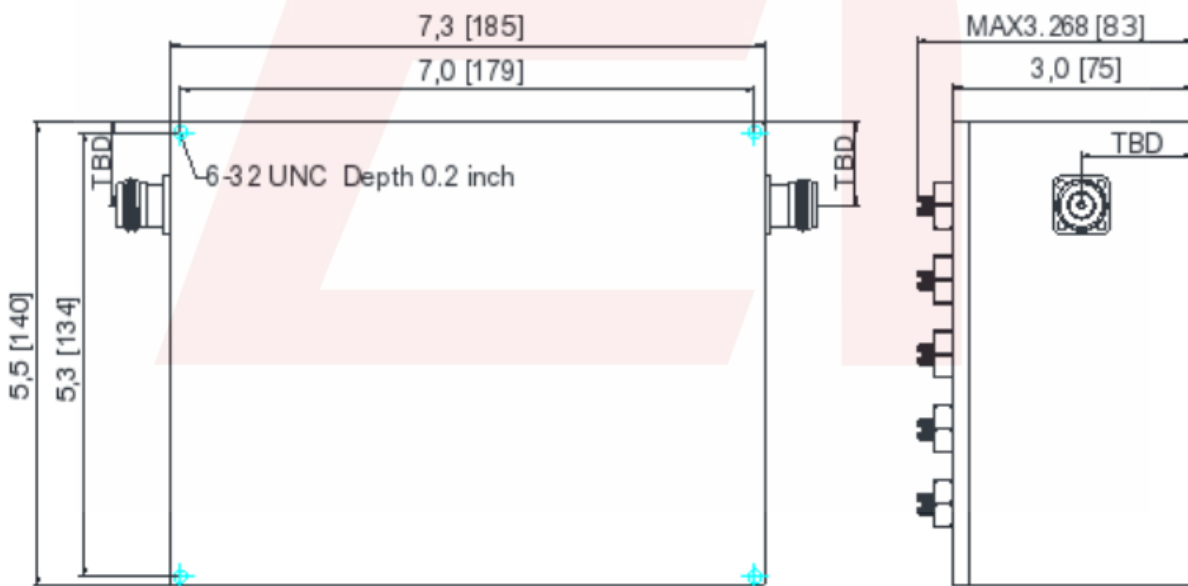
## Mechanical

**Connector Type:** N-Type (F)  
**Dimensions:** 7.3 x 5.5 x 3.268 in  
185 x 140 x 83 mm

## Environmental

**Operating Temperature:** -20°C to +85°C  
**Storage temperature:** -55°C to +95°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 2000 Hz

## Outline Drawing:



DS-B12316-01062025-Rev0



### Simulation Curve:

