



# 6415-6545MHz Cavity Bandpass filter



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

**Part Number: AB6480B1242**

## Electrical specifications

**Center Frequency:** 6480MHz  
**Frequency Range:** 6415 ~ 6545MHz  
**Bandwidth:** 130MHz  
**Insertion Loss:** =/ $<$ 1.0dB  
**Return Loss:** =/ $>$ 14dB  
**Rejection 1:** =/ $>$ 40dB@6310MHz  
**Rejection 2:** =/ $>$ 40dB@6595MHz  
**Impedance:** 50 Ohms In/Out  
**Power Handling:** 50 W CW

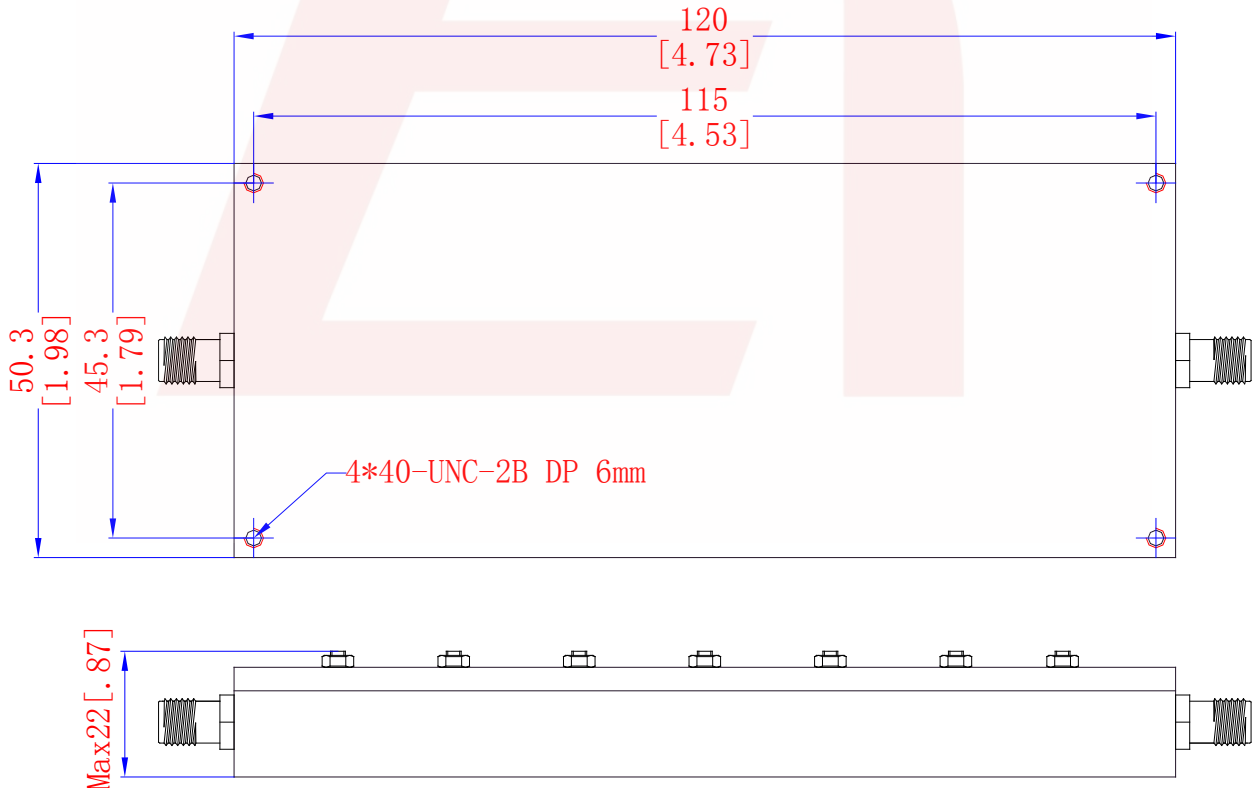
## Mechanical

**Mounting Method:** Threaded Mounting  
**Connector Type:** SMA(F)  
**Dimensions:** 4.73" x 1.98" x 0.87" in  
**Surface Finish:** Black

## Environmental

**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -55°C to +100°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz

## Outline Drawing:



DS-B1242-03152018-Rev0