



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

# 1000-2000 MHz Cavity Bandpass Filter

Part Number: AB1500B1072



## Electrical specifications

**Passband Frequency:** 1000-2000 MHz  
**Insertion Loss @ Band Edges:**  $\leq 1.2$ dB  
**Passband Return Loss:**  $\geq 10$ dB  
**Rejection:**  $\geq 20$ dB@900MHz  
**Rejection 2:**  $\geq 20$ dB@2100MHz  
**Input / Output Impedance:** 50 Ohms  
**Power Handling:** 40W(CW)

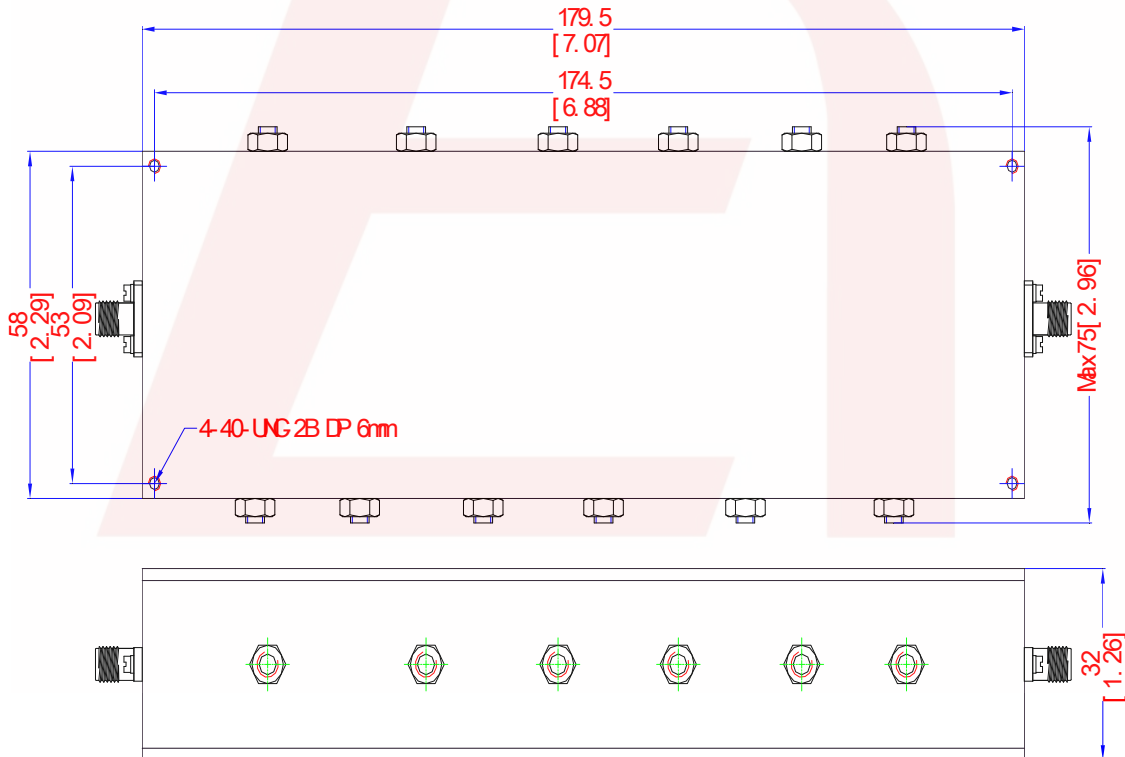
## Mechanical

**Connector Type:** SMA (F)  
**Dimensions:** 7.07 x 2.29 x 1.26 inches  
**Surface Finish:** Black

## 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%

## Outline Drawing:



DS-B1072-03152018-Rev0