



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

# 2200-2300 MHz Cavity Bandpass Filter

Part Number: AE2250B1366



## Electrical specifications

**Passband:** 2200-2300MHz  
**Insertion Loss:**  $\leq 0.8$ dB  
**Passband Ripple:**  $\leq 0.4$ dB  
**Passband Return Loss:**  $\geq 19$ dB  
**Rejection:**  $\geq 95$ dB@DC-2120MHz  
**Rejection 2:**  $\geq 95$ dB@2400-4000MHz  
**Power Handling:** 40W(CW)  
**Input / Output Impedance:** 50 Ohms

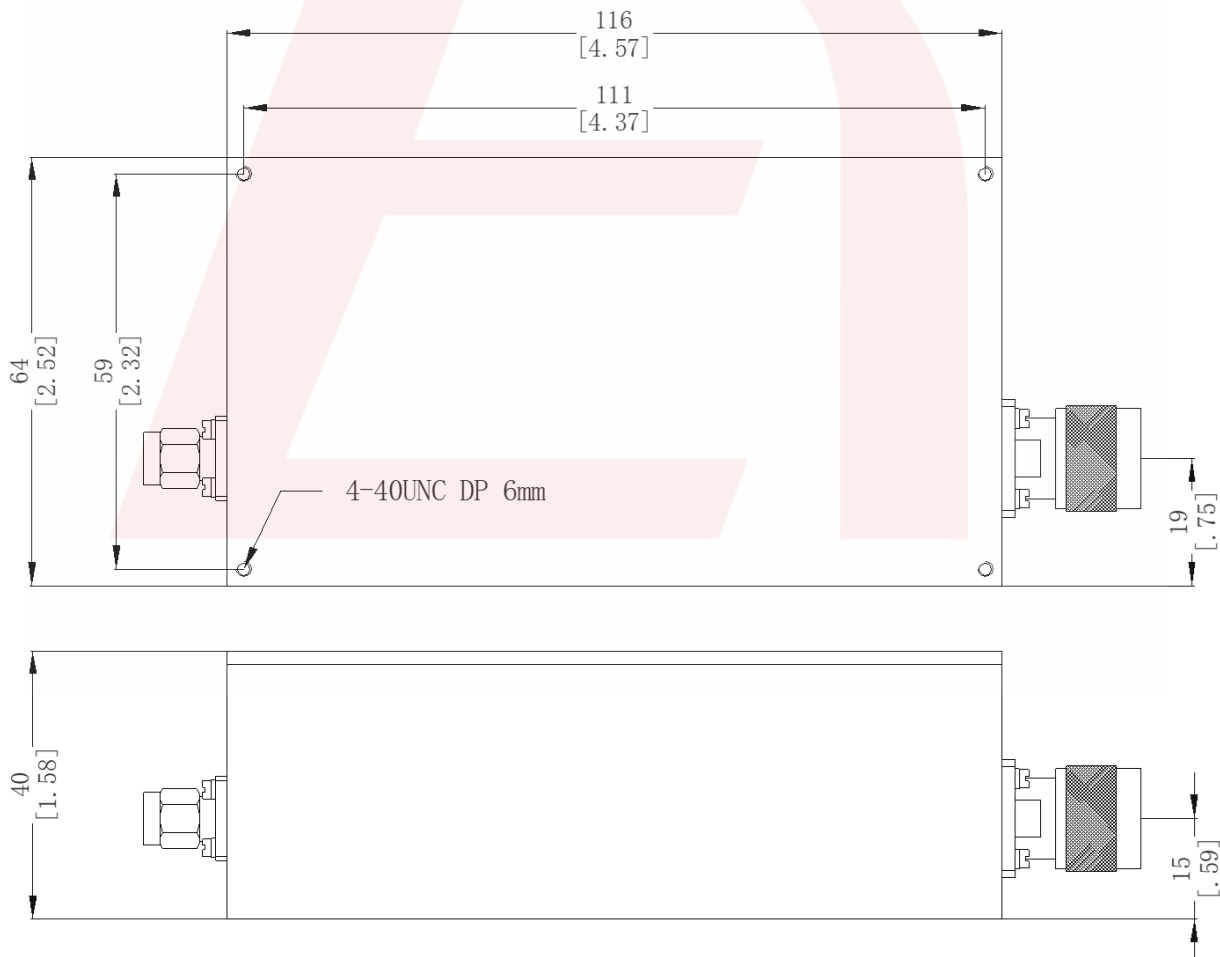
## Mechanical

**Connector Type:** N-Male/SMA-Male  
**Dimensions:** 4.57 x 2.52 x 1.58 inches

## Environmental

**Operating Temperature:** -20 to +55 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%  
**Environmentally Sealed:** IP65

## Outline Drawing:



DS-B1366-03152018-Rev0



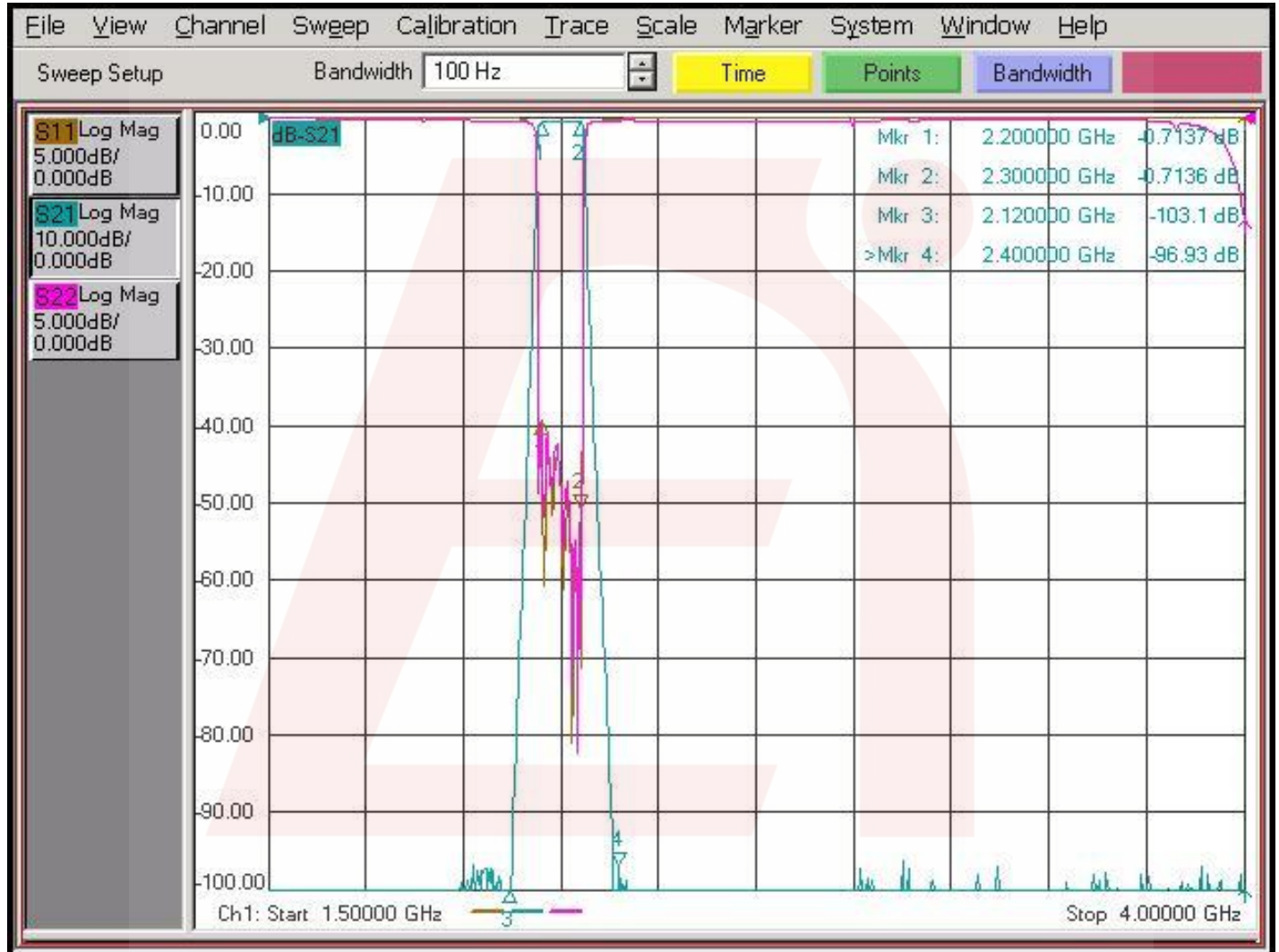
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## Response Plot:



DS-B1366-03152018-Rev0