



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

# 1880 MHz Cavity Bandpass Filter

**Part Number: AB1880B637**



## Electrical specifications

**Center Frequency:** 1880 MHz  
**Bandwidth:** 60 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 1850-1910 MHz  
**Passband Insertion Loss:** 1.0 dB (max)  
**Passband Ripple:** <0.2 dB  
**Passband Return Loss:** 15 dB  
**Rejection:** >70 dB @ 1785 MHz  
**Rejection 2:** >70dB @ 1976 MHz  
**Power Handling:** 30 W

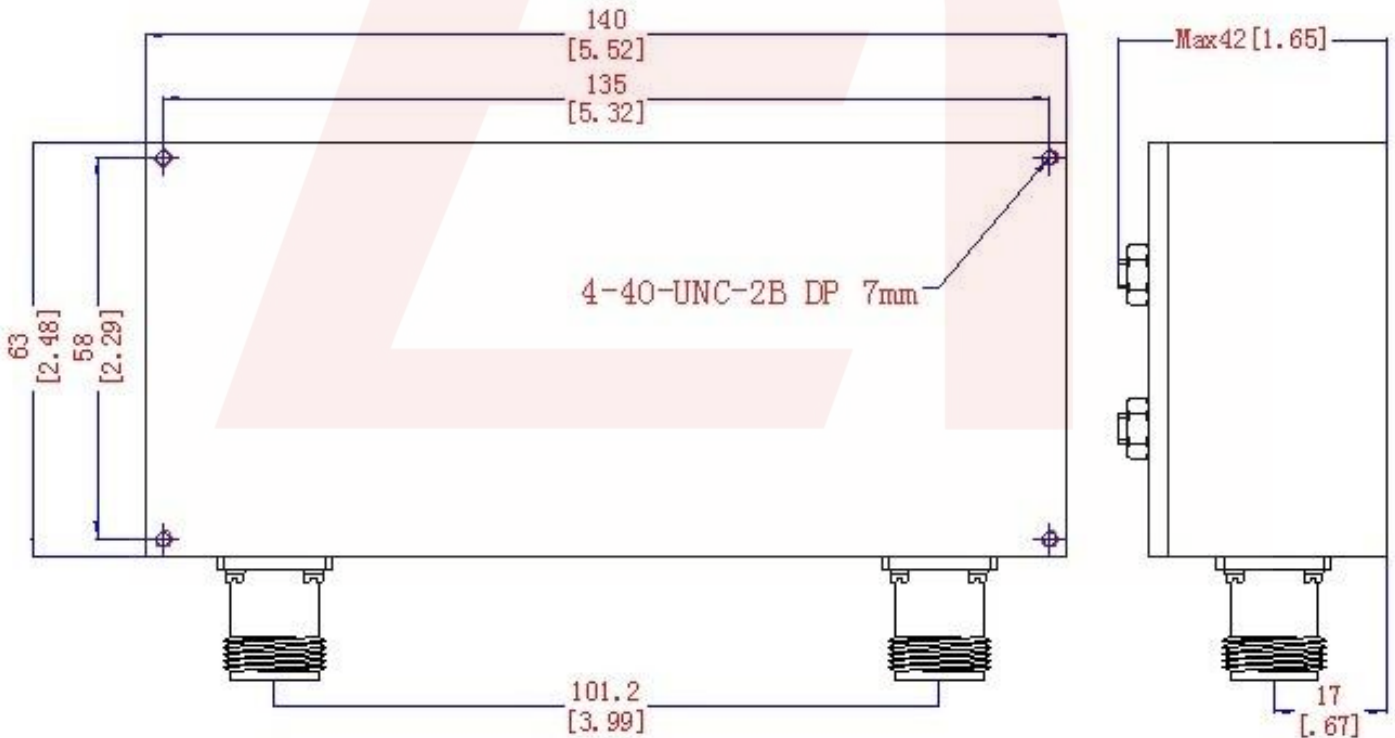
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N-Type Female  
**Dimensions:** 140 x 63 x 42

## Environmental

**Operating Temperature:** -45 to +85 deg.C  
**Storage Temperature:** -55 to +95 deg.C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:



DS-B637-01072022-Rev1



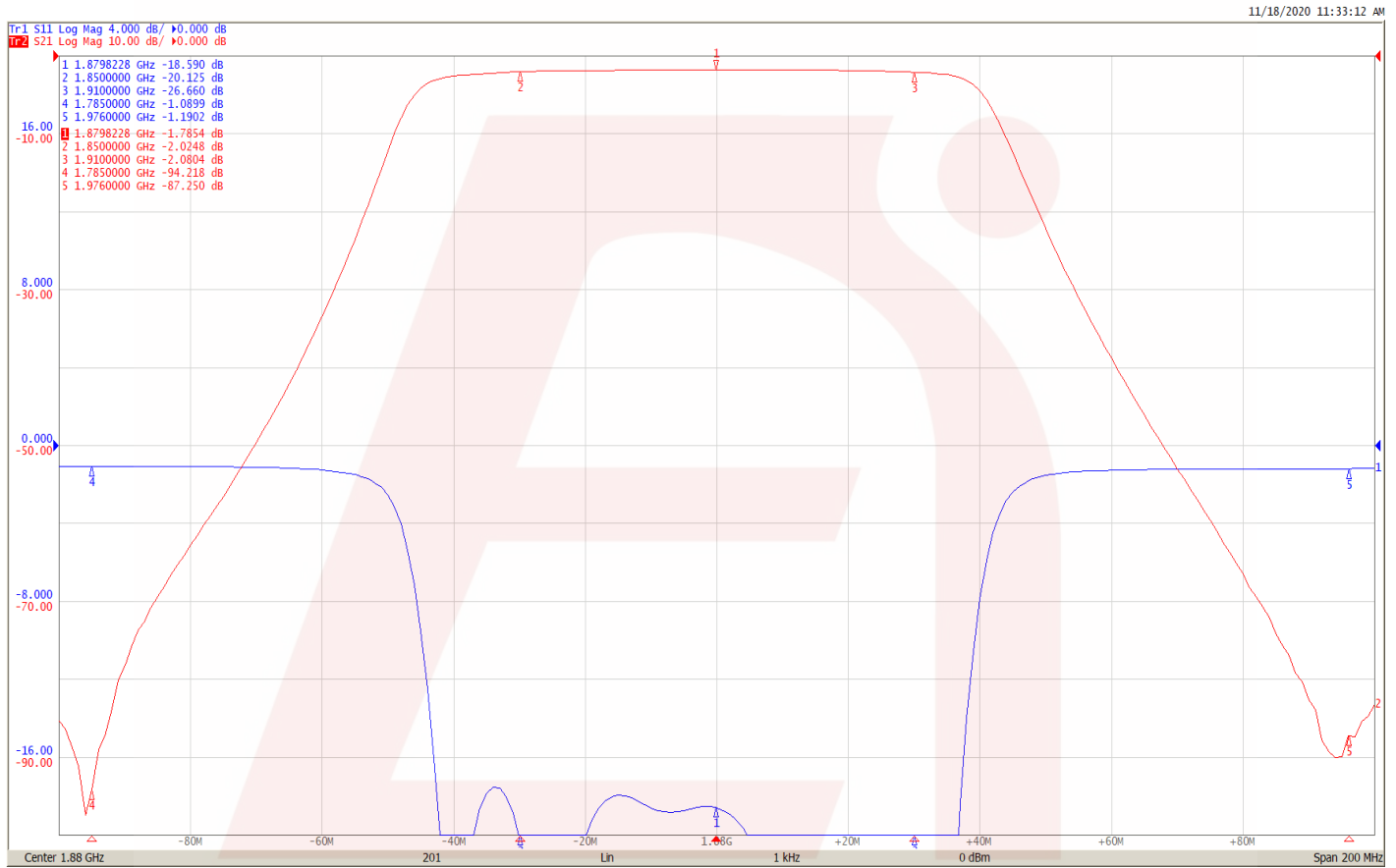
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## Response Plot:



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