



# 1860-1945 MHz Cavity Bandpass Filter



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

**Part Number: AB1902B859**

## Electrical specifications

**Operating Bandwidth:** 1860~1945 MHz  
**Insertion loss:** =/ $<$  0.75 dB  
**Return loss:** =/ $>$  20 dB  
**Rejection:** 30 dB@1835-2000 MHz  
**Average power Handling:** =/ $<$ 100 W  
**Peak Power Handling:** =/ $<$  1.4 KW  
**IMD3@1865MHz:** 2X43 dBm  
**Impedance:** 50 Ohms In/Out

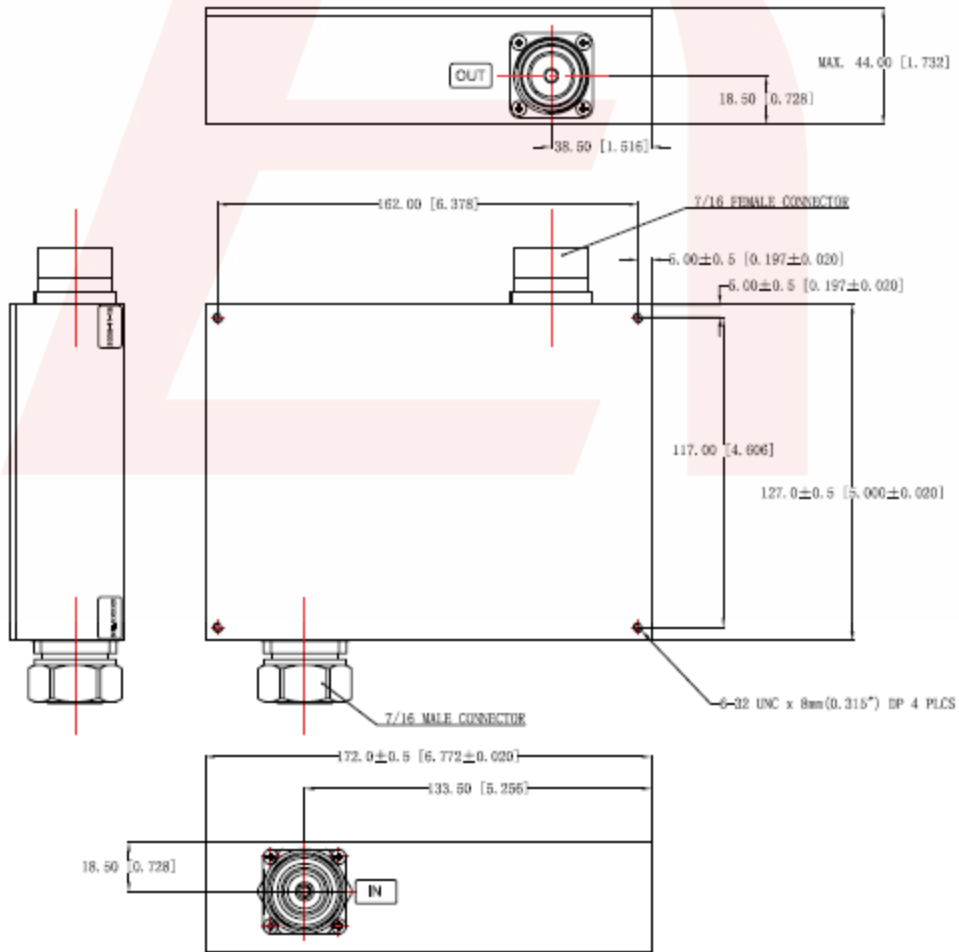
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** 7/16 (F/M)  
**Dimensions:** 6.37" X 5.00" X 1.73" in

## Environmental

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

## Outline Drawing:



DS-B859-03152018-Rev0



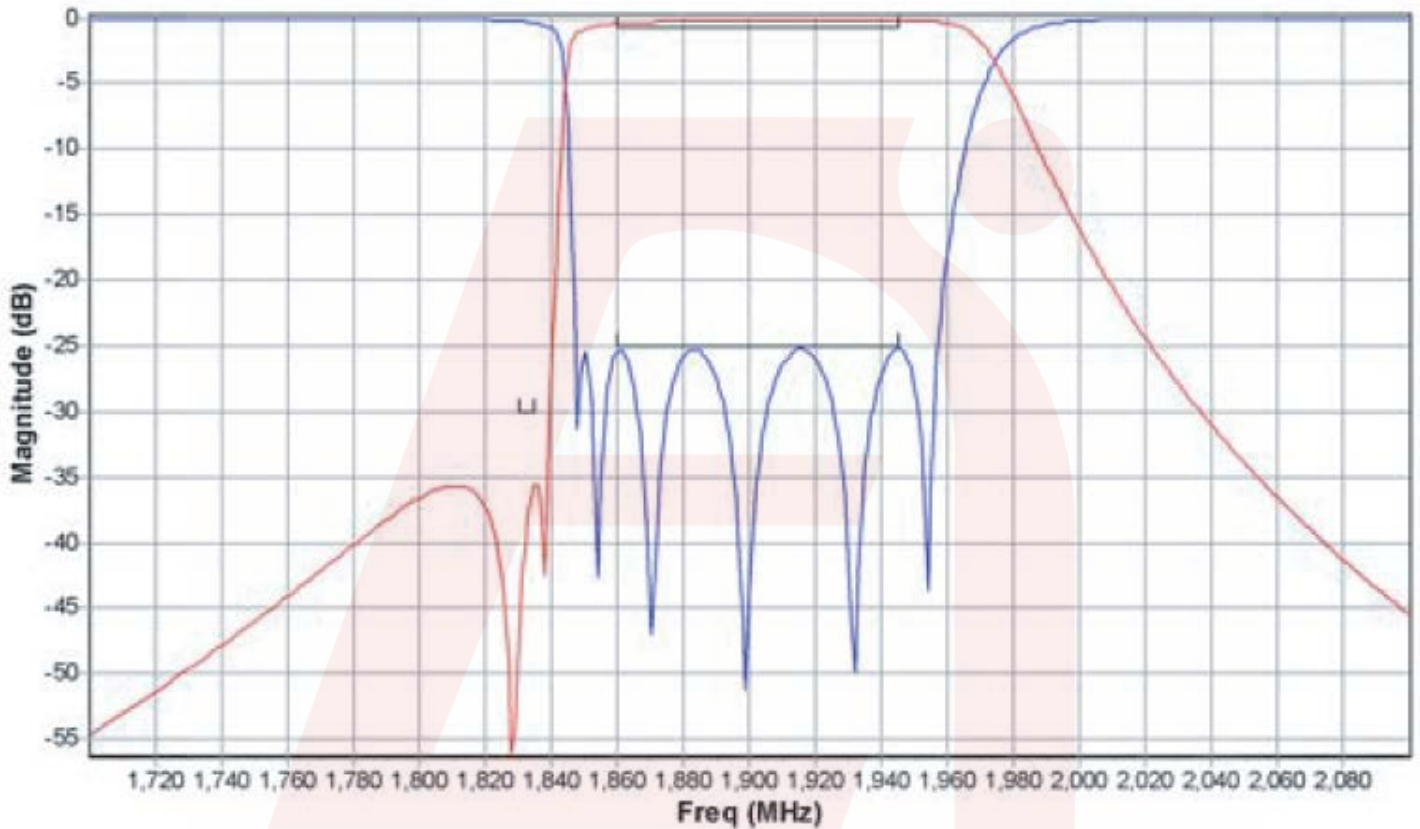
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**Plot:**



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