



# 1725-1820 MHz Cavity Bandpass Filter

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

**Part Number: AB1772B858**



## Electrical specifications

**Operating Bandwidth:** 1725~1820 MHz  
**Insertion loss:**  $\leq 1.0$  dB  
**Return loss:**  $\geq 18$  dB  
**Rejection:** 48 dB@1850-2000 MHz  
**Average power handling:**  $\leq 40$  Watts  
**Impedance:** 50 Ohms In/Out  
**Peak power Handling:**  $\leq 1.4$  KW  
**IMD3@1760 MHz:** 100 dBm@2x43 dBm

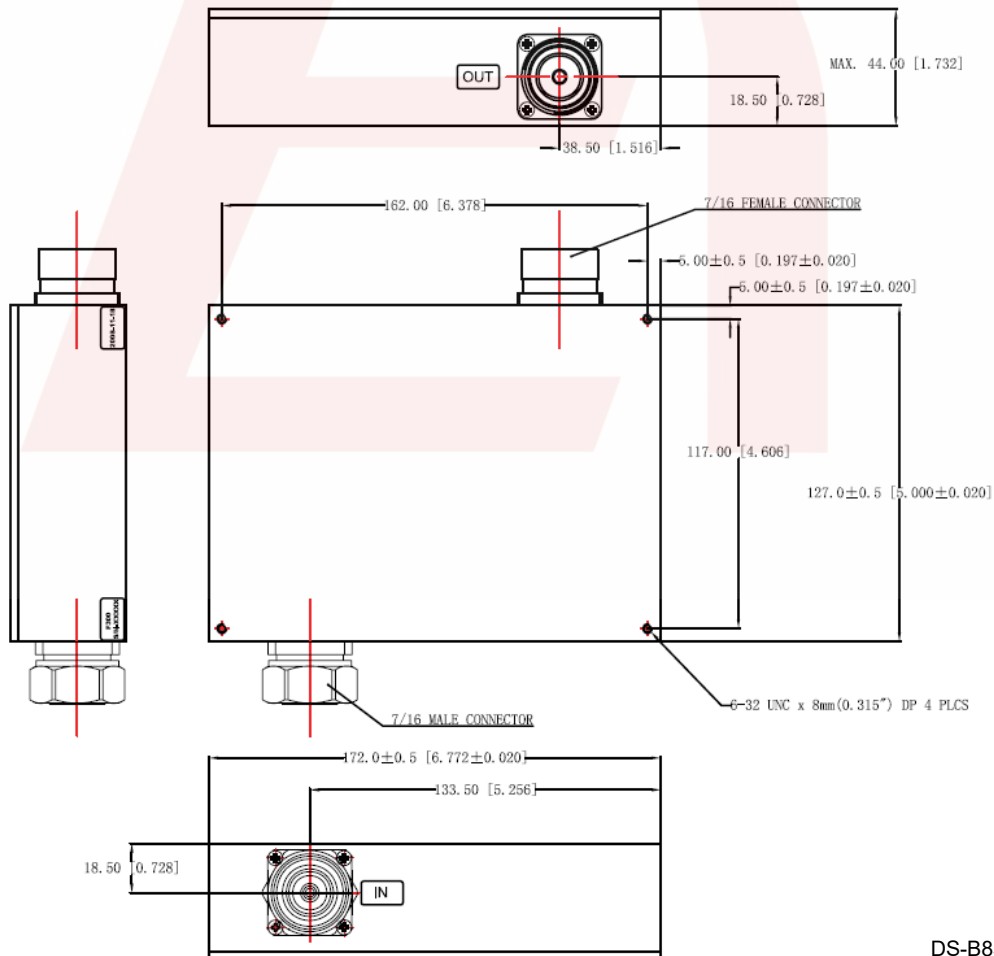
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N Female / N male  
**Dimensions:** 6.77" 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-B858-03152018-Rev0



### Response Plot:

