



# 2447.5 MHz Cavity Bandpass Filter

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

**Part Number: AE2447B11498**



## Electrical specifications

**Center Frequency:** 2447.5 MHz  
**Bandwidth:** 105 MHz  
**Passband (PB):** 2395-2500 MHz MHz  
**Insertion Loss @ PB :** 0.75 dB Max  
**Ripple in PB:** <0.25 dB  
**Return Loss in PB:** 15 dB Min  
**Rejection:** >=50dB @ 2200 MHz MHz  
>=50 dB@ 2700 MHz  
**Power Handling:** 20 Watts

## Mechanical

**Mounting Method:** 6-32 Threaded Mounting Holes  
**Connector Type:** N(F)/N(M)  
**Dimensions:** 3"x 2"x 1.34"

## Environmental

**Operating Temperature:** -40 to +85° C  
**Storage Temperature:** -55 to +95° C  
**Shock:** 20G, 11msec min.  
**Humidity:** 95% RH @ 40 Deg. C  
**Vibration:** 10G. 5 to 200 MHz  
**Altitude:** 60,000 ft. 1.0 psi  
**Environment Class:** IP65  
**Weight:** 0.45 Kg. Max

## Outline Drawing:

