



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

# 1636 MHz Cavity Band Pass Filter

**Part Number: AE1636B11620**



## Electrical Specifications

**Center Frequency:** 1636.5 MHz  
**Passband:** 1626.5-1646.5 MHz  
**Insertion Loss:** 1.0dB Max.  
**Return Loss:** 14dB Min.  
**Ripple:** 1.0dB Max.  
**Rejection1:** ≥ 30dB @ DC-1530 MHz  
**Rejection2:** ≥ 65dB @ 1530-1545 MHz  
**Rejection3:** ≥ 30dB @ 1661.5-10000 MHz  
**Impedance :** 50 Ohms  
**Power Handling:** 50W CW Max.

## Mechanical

**Mounting Method:** M3 -Threaded Holes  
**Connector Type:** SMA(F)  
**Dimensions:** 5.58" X 2.8" x 1.46" .

## Environmental

**Operating Temperature:** -25°C to +60°C  
**Storage Temperature:** -55°C to +85°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200Hz

## Outline Drawing:

