



# 1650 MHz Cavity Band Stop/Notch Filter

Part Number: AE1650N2237



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

## Electrical Specifications

**Notch Center Frequency:** 1650 MHz  
**Notch Bandwidth:** 48.5MHz  
**Rejection In BW:** 56dB Min.  
**Passband Below Notch:** DC ~ 1610 MHz  
**Passband Above Notch:** 1705 ~ 4500 MHz  
**Insertion Loss:** 2.0dB Max.  
**Return Loss:** 14 dB Min.  
**Power Handling :** 20 W Max.  
**Impedance:** 50Ohms

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA(F)  
**Dimensions:** 245 X 50 x 22 mm.

## Environmental

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

## Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

\*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

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