



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

# 1710-1785 MHz Cavity Band Stop Filter

Part Number: AE1747N2221



## Electrical Specifications

**Stop Band Frequency:** 1710-1785 MHz  
**Stop Band Attenuation:**  $\geq 40$ dB  
**Pass Band Frequency:**  
DC~1685MHz & 1810~4500MHz  
**Pass Band Insertion Loss:**  $\leq 2.0$ dB  
**Pass Band VSWR:**  $\leq 1.5:1$   
**Impedance:** 50 Ohms  
**Power Handling:**  $\leq 50$ W

## Mechanical

**Mounting Method:** Thru Mounting Holes  
**Connector Type:** N-Type (F)  
**Dimensions:** 8.85" X 1.98" x 0.866" in.

## Environmental

**Operating Temperature:**  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$   
**Storage Temperature:**  $-55^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$   
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200 Hz

## Outline Drawing:

