



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

# 415 MHz Cavity Bandpass Filter

**Part Number: AE415B11389**



## Electrical Specifications

**Frequency Range:** 350 MHz to 480 MHz  
**Insertion Loss:**  $\leq 1$  dB  
**Return Loss:**  $\geq 15$  dB  
**Rejection:**  $\geq 60$  dB @ 100 MHz to 190 MHz  
**Rejection2:**  $\geq 30$  dB @ 310 MHz to 330 MHz  
**Rejection3:**  $\geq 30$  dB @ 500 MHz to 520 MHz  
**Rejection4:**  $\geq 90$  dB @ 540 MHz to 1000 MHz  
**Impedance:** 50 Ohms  
**Power Handling:** 200 Watts

## Mechanical

**Connector Type:** N-Type(F)  
**Dimensions:** 8.15" x 6.57" x 1.043" in.

## Environmental

**Operating Temperature:** -25°C to +80°C  
**Storage Temperature:** -40°C to +90°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200Hz

## Outline Drawing:

