



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

# 466 MHz Cavity Band Pass Filter

Part Number: AE466B11554



## Electrical Specifications

**Center Frequency:** 466 MHz  
**Bandwidth:** 2 MHz  
**Pass Band (Pb):** Approx. 465-467 MHz  
**Insertion Loss:** 5 dB max (Goal)  
**Return Loss:** 15 dB min @ Center Frequency  
**Rejection 1:** >40 dB @ 462 MHz  
**Rejection 2:** >40 dB @ 472 MHz

## Mechanical

**Connector Type:** SMA (F)  
**Approx. Dimensions:** 5.2" X 4.0" x 1.2" in.

## Environmental

**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -55°C to +100°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz

## Simulated response plot:

