



# 16500 MHz Cavity Bandpass filter

Part Number: AE16500B11053

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



## Electrical specifications

**Frequency Range:** 16300~16700 MHz  
**Center Frequency:** 16500 MHz  
**Bandwidth:** 400 MHz  
**Insertion Loss:**  $\leq 3.0$  dB  
**Ripple:**  $\leq 0.5$  dB  
**Return Loss:**  $\geq 15$ dB  
**Rejection 1:**  $>65$ dB@15125MHz-17875MHz  
**Rejection 2:**  $>60$ dB@13750MHz-19250MHz  
**Rejection 3:**  $>50$ dB@DC-13750MHz-19250-40000MHz  
**Power:** +23dBm

## Mechanical

**Mounting Method:** Thru-Hole  
 Top Mounting  
**Connector Type:** SMA (F)  
**Dimensions:** 1.60" x 0.71" x 0.47" in  
**Surface finish:** Black  
**Sealing:** IP54

## Environmental

**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -55°C to +100°C

### Outline Drawing:

