



# 3500 MHz Cavity Bandpass Filter

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

**Part Number: AB3500B589**



## Electrical specifications

**Center Frequency:** 3500 MHz  
**Insertion loss:** 0.35 dB, 3400 MHz-3600 MHz  
**Return loss:** 18 dB, 3400 MHz-3600 MHz  
**1 dB bandwidth:** 220 MHz  
**Attenuation:** 20 dB@3240 MHz&3760 MHz  
**Power:** 10 W average, 40 W peak

## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA female  
**Dimensions:** 56 X 56 X 30 mm

## Environmental

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

## Outline Drawing:

