



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

# 2345-2355 MHz Cavity Bandpass Filter

**Part Number: AB2350B1256**



## Electrical specifications

- Center Frequency:** 2350 MHz
- Bandwidth:** 10 MHz
- Input / Output Impedance:** 50 Ohms
- Passband:** 2345-2355 MHz
- Passband variation over bandwidth:** <0.5dB
- Passband Insertion Loss:** <1.0dB
- Passband Ripple:** <0.2 dB
- Passband Return Loss:** >20dB
- Group delay variation over bandwidth:** <5ns
- Rejection 1:** 13 MHz offset from Center Frequency >20dBc
- Rejection 2:** 20 MHz offset from Center Frequency >30dBc
- Power Handling:** 20 Watts
- Peak Power Handling:** 150 Watts

## Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** SMA Female
- Dimensions:** 170 x 140 x 54 mm.

## Environmental

- Operating Temperature:** 0 to +55 deg.C
- Storage Temperature:** -55 to +95 deg.C
- Shock:** 20 G. 11ms
- Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:

