



# 8600-9600 MHz Cavity Bandpass Filter

## Part Number: AB9100B1177



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

### Electrical specifications

- Passband:** 8600-9600 MHz
- Passband Insertion Loss:**  $\leq 0.8$  dB
- Passband Return Loss:**  $\geq 18$  dB
- Rejection:**  $\geq 3$  dB @ 8550 MHz
- Rejection 2:**  $\geq 3$  dB @ 9650 MHz
- Rejection 3:**  $\geq 90$  dB @ 10400-10600 MHz
- Power Handling:** +56dBm (Avg), +86dBm (Peak)
- Input / Output Impedance:** 50 Ohms

### Mechanical

- Connector Type:** WR-90
- Dimensions:** 6.30 x 2.47 x .99 inches

### Environmental

- Operating Temperature:** -45 to +85 deg. C
- Storage temperature:** -65 to +95 deg. C
- Shock:** 20 G's, 1/2 sine, 11ms
- Vibration:** 10 G's, 10-2000Hz
- Relative Humidity:** 0-95%

### Outline Drawing:

