



# 870-875 MHz Cavity Bandpass Filter

## Part Number: AB872B1018



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

### Electrical specifications

- Center Frequency:** 872.75 MHz
- Bandwidth:** 5.5 MHz
- Insertion loss in the center:** 0.5 dB max 0.75 dB typ
- Attenuation 1:** >40 dB@1.25 MHz from edge
- Attenuation 2:** >50 dB@3.25 MHz from edge
- Return Loss:** 18 dB in the 5.5 MHz band

### Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** N-Type Female
- Dimensions:** 6.75" x 10.00" x 3.00" in

### 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:

