



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

836 MHz Cavity Bandpass Filter

Part Number: AB836B972



Electrical specifications

Center Frequency: 836 MHz

Bandwidth: 3.84 MHz min

Input / Output Impedance: 50 Ohms

Passband: 830.08 – 833.92 MHz

Passband Insertion Loss: < 6 dB

Passband Ripple: < 0.2 dB

Passband Return Loss: >14 dB

Rejection Frequency on low side(Fs-): 829.5 MHz

Rejection Frequency on high side (Fs+): 834.5 MHz

Attenuation at Fs-: > 30 dB

Attenuation at Fs+: > 30 dB

Attenuation at 829.2MHz > 40 dB

Power Handling: 40 W

Mechanical

Mounting Method: Threaded Mounting Holes

Connector Type: SMA Female

Dimensions: 280mm x 80mm x 53mm

Environmental

Operating Temperature: -45 to +85 deg.C

Storage Temperature: -55 to +95 deg.C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:

