



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

824-849 MHz Cavity Bandpass Filter

Part Number: AB836B1180



Electrical specifications

Passband: 824-849 MHz

Passband Insertion Loss: ≤ 2.0 dB

Passband Return Loss: ≥ 15 dB

Rejection: ≥ 70 dB @ 1-450 MHz

Rejection 2: ≥ 50 dB @ 450-750 MHz

Rejection 3: ≥ 60 dB @ 750-800 MHz

Rejection 4: ≥ 42 dB @ 800-814 MHz

Rejection 5: ≥ 15 dB @ 814-821 MHz

Rejection 6: ≥ 20 dB @ 851-856 MHz

Rejection 7: ≥ 35 dB @ 856-869 MHz

Rejection 8: ≥ 60 dB @ 869-1000 MHz

Rejection 9: ≥ 50 dB @ 1000-2070 MHz

Power Handling: 10 W

Input / Output Impedance: 50 Ohms

Mechanical

Connector Type: SMA (F)

Dimensions: 8.27 x 3.45 x 2.13 inches

Environmental

Operating Temperature: -45 to +85 deg. C

Storage temperature: -65 to +95 deg. C

Shock: 20 G's, $\frac{1}{2}$ sine, 11ms

Vibration: 10 G's, 10-2000Hz

Relative Humidity: 0-95%

Outline Drawing:

