



824-849 MHz Cavity Bandpass Filter

Part Number: AB836B1180



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

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: 30 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, 1/2 sine, 11ms
- Vibration: 10 G's, 10-2000Hz
- Relative Humidity: 0-95%

Outline Drawing:

