ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

WiFi Cavity Bandpass Filter

Part Number: AB2442B1090

ISO 9001 REGISTERED FIRM

Electrical specifications

Center Frequency: 2442 MHz
Bandwidth: 12 MHz
50 dB Bandwidth: 30 MHz max (12MHz passband)
Input / Output Impedance: 50 Ohms
Passband Insertion Loss: 2.5 dB
Passband Ripple: 0.5 dB MAX
Passband Return Loss:
VSWR (input and output): 1.5:1
Power Handling: 10 Watts CW

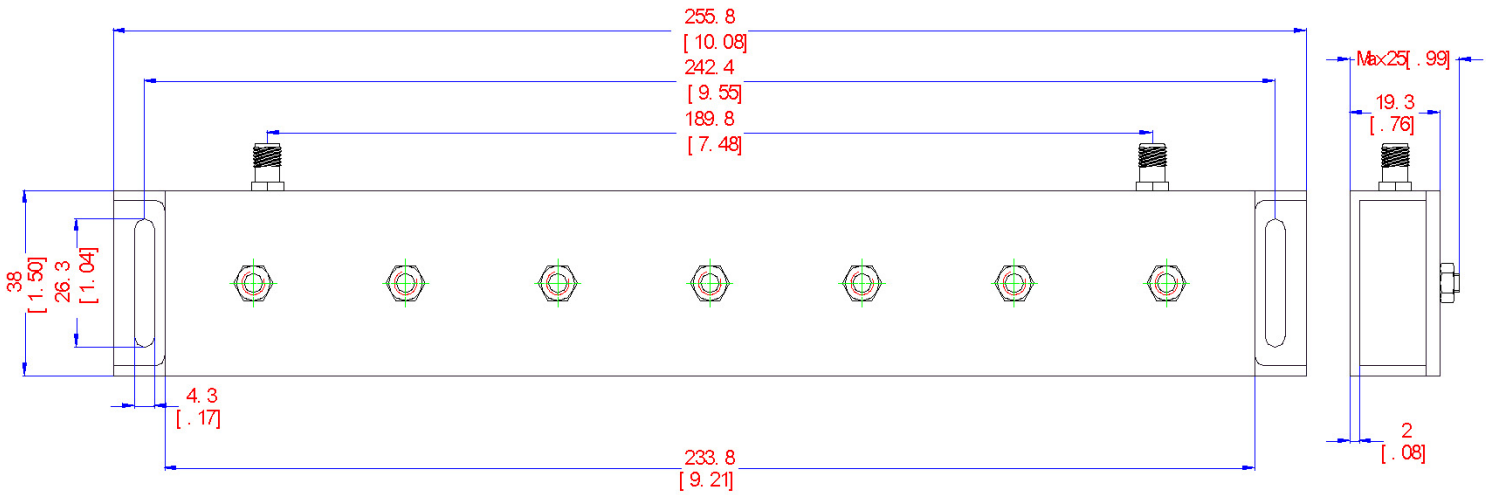
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA Female
Dimensions: 10.07 x 1.5 x 0.76 in.

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:



70 Outwater Lane **Phone: (973) 772-4242**
Garfield, NJ 07026 **Fax : (973) 772-4646**
Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com

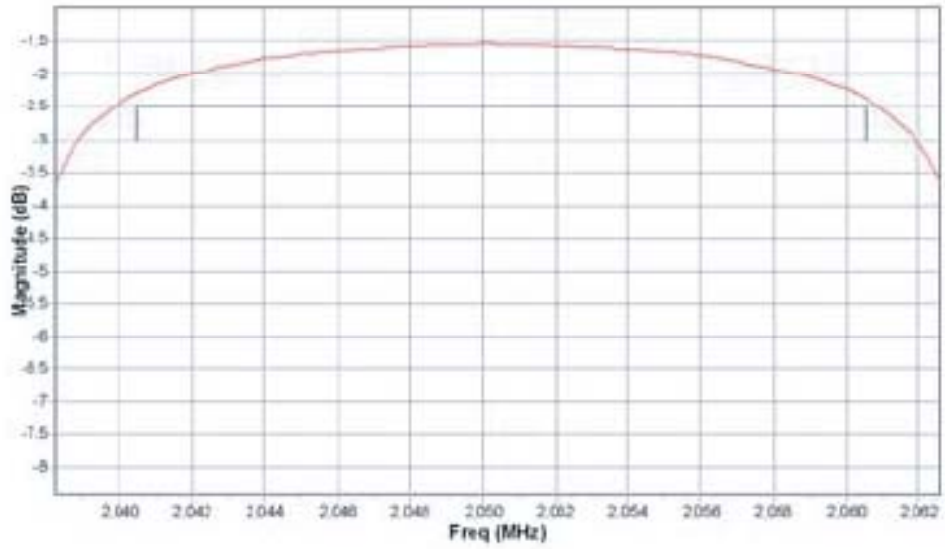
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

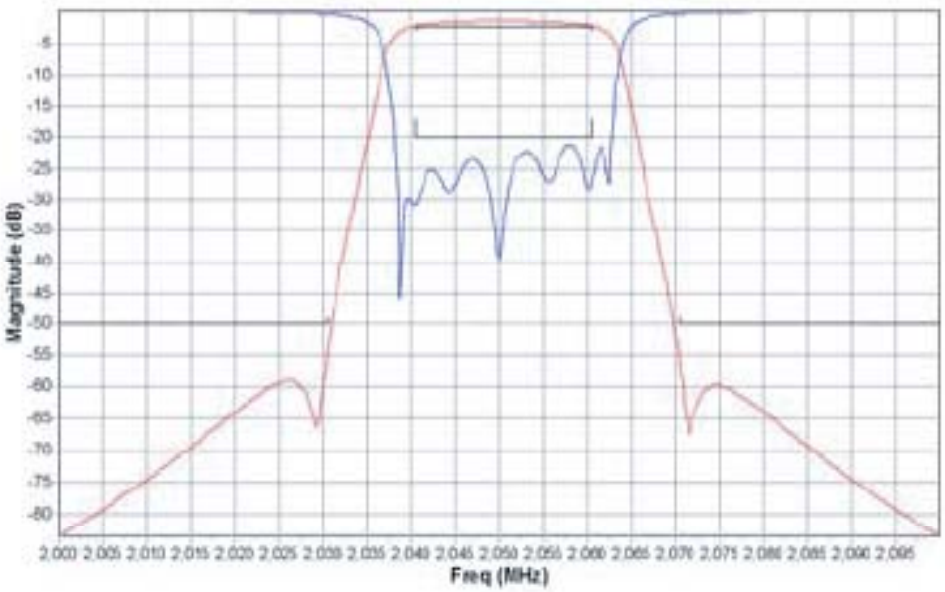
WiFi Cavity Bandpass Filter

Part Number: AB2442B1090

ISO 9001 REGISTERED FIRM

Response Plot:





70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 772-4646
Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com