ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2422 MHz WiFi Cavity Bandpass Filter for Outdoor

Part Number: WiFi2422-3O

ISO 9001 REGISTERED FIRM

Electrical specifications

Center Frequency: 2422 MHz
Bandwidth: 22 MHz
Input / Output Impedance: 50 Ohms
Passband: 2411-2433 MHz
Passband Insertion Loss: 3 dB max (2 dB typical)
Passband Ripple: 1.2 dB max
Passband Return Loss: 15 dB min (18 dB typical)
Rejection: 30 dB min@ Fo +/-20 MHz
Rejection 2: 60 dB min @ Fo +/-25 MHz
Rejection 3: 90 dBc min @ 2* @ Fo +/-22 MHz
Power Handling: 50 W

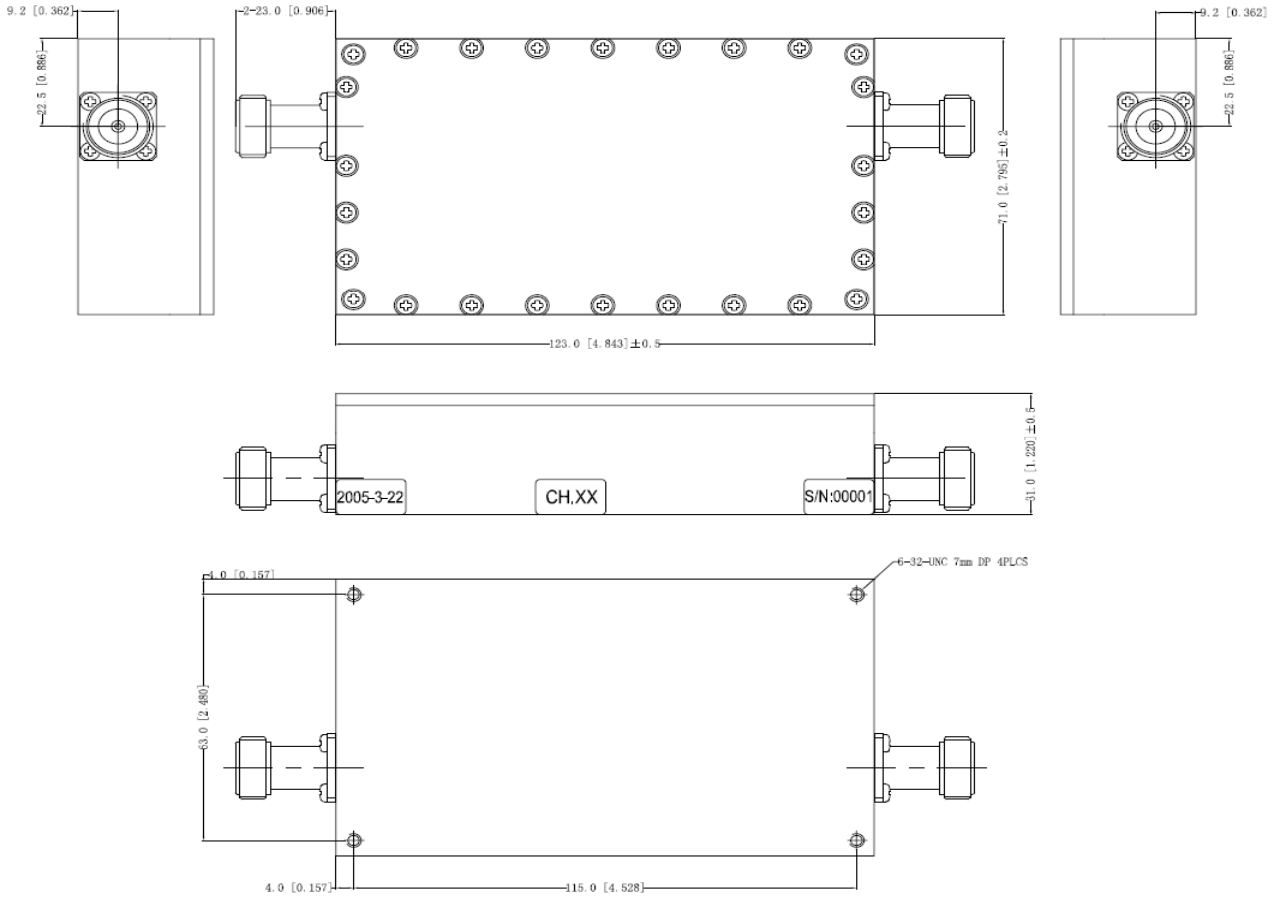
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: N-Type Female
Dimensions: 123mm x 115mm x 71mm

Environmental

Operating Temperature: 0 to +50 deg.C
Storage Temperature: -45 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20G. 5 to 200 MHz

Outline Drawing:



70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 772-4646

Email: sales@anatechelectronics.com
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Response Plot:

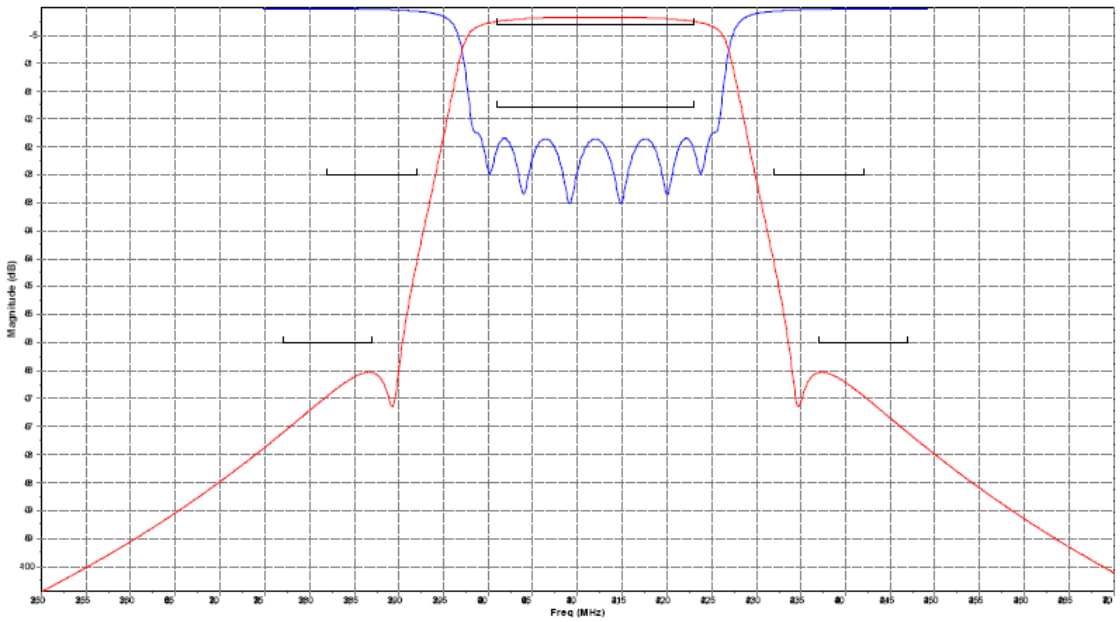


Fig.1 Return Loss and Rejection

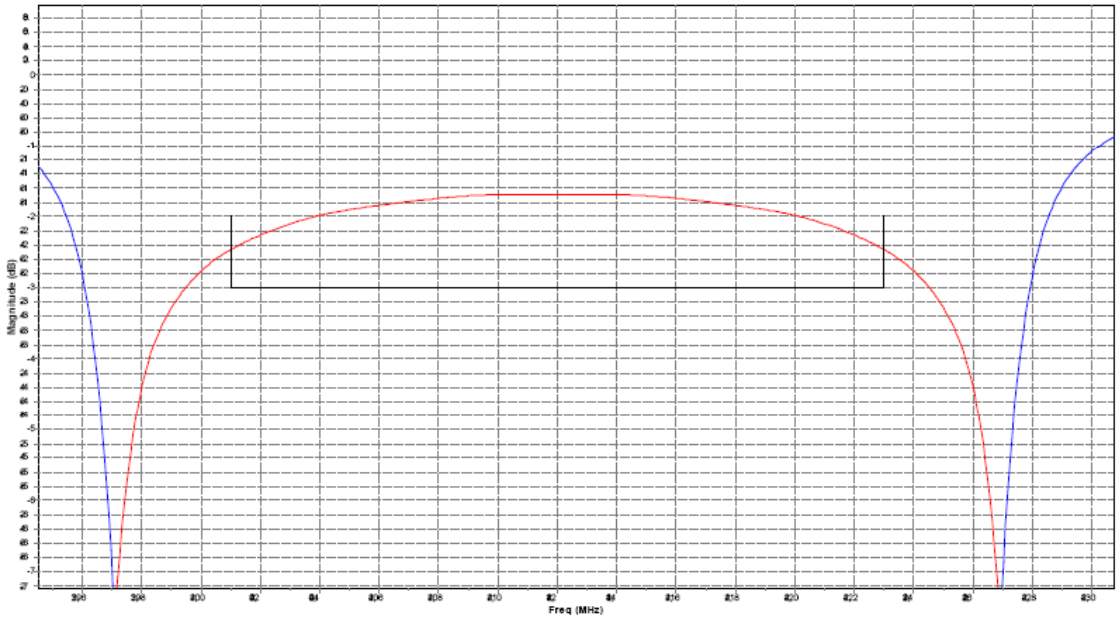


Fig.2 Insertion Loss and Ripple

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