



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

WIFI Bandpass Filter for Outdoor

Part Number: AB2436B479



Electrical specifications

Center Frequency: 2436.5 MHz

Bandwidth: (-3 dB): 70 MHz

Input / Output Impedance: 50 Ohm

Passband: 2401.5 – 2471.5 MHz

Passband Insertion Loss: <1.1dB(0.9dB typical)

Passband Ripple: <0.2 dB

Passband Return Loss: 15dB (-18dB typical)

Selectivity:

20dB BW: <91 MHz ($F_c \pm 45.5$ MHz)

30dB BW: <106 MHz ($F_c \pm 53$ MHz)

60dB BW: <150 MHz ($F_c \pm 75$ MHz)

Harmonic Rejection: >80dB (90dB typical)

Power Handling: 50 W

Mechanical

Mounting Method: Threaded Mounting Holes

Connector Type: 2 N-Type Female

Dimensions: 4.84" x 2.8" x 1.22"

Environmental

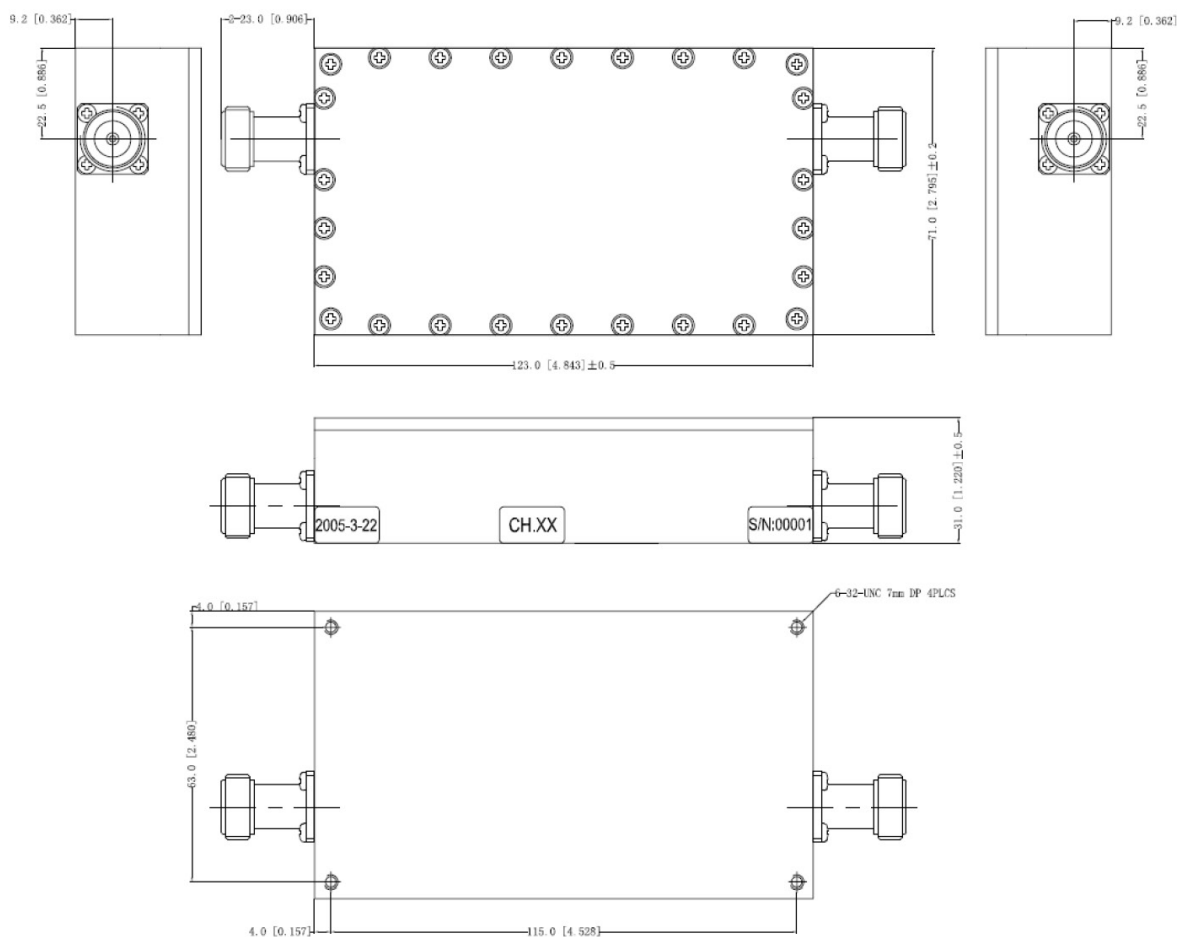
Operating Temperature: -40 to +85 deg.C

Storage Temperature: -55 to +95 deg.C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:





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Response Plot:

