ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2026.5-2036.5 MHz Cavity Filter

Part Number: AB2031B11207

ISO 9001 REGISTERED FIRM

Electrical specifications

Center Frequency: 2031.5 MHz
Bandwidth: 10 MHz
Input / Output Impedance: 50 Ohms
Passband: 2026.5 – 2036.5 MHz
Passband variation over bandwidth: <0.5 dB
Passband Insertion Loss: <1.0 dB
Passband Ripple: <0.2 dB
Passband Return Loss: >18 dB
Group delay variation over bandwidth: <15 ns
Rejection: 12 MHz offset from Center Frequency > 20 dBc
Rejection 2: 20 MHz offset from Center Frequency > 30 dBc
Power Handling: 20 W (avg)
Peak Power Handling: 150 W

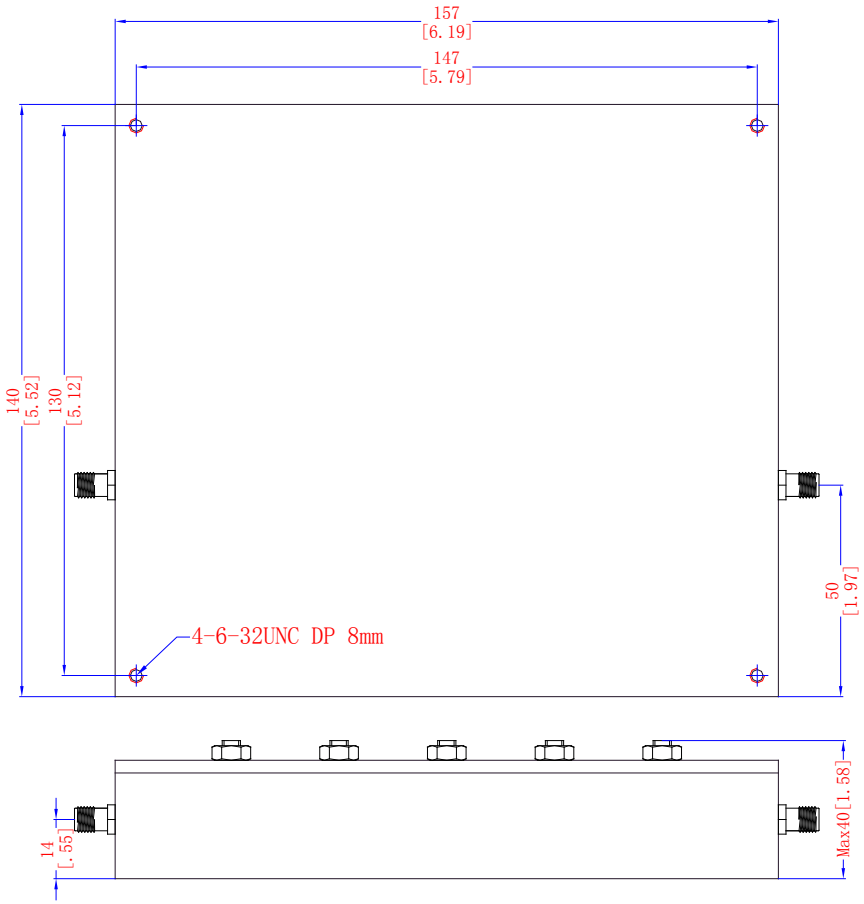
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA Female
Dimensions: 6.19 x 5.52 x 1.58 in (TBD for weatherproofed version)

Environmental

Operating Temperature: 0 to +50 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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