



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**617-652 MHz / 663-698 MHz
Cavity Duplexer**

Part Number: AE634-698DB5448-N



Electrical specifications

Frequency ANT-TX: 617-652 MHz
Frequency ANT-RX: 663-698 MHz
Bandwidth: 35 MHz Min
Return Loss: 18 dB Min
Isolation: 70dB Min
Power Handling: 50W
Impedance: 50 Ω

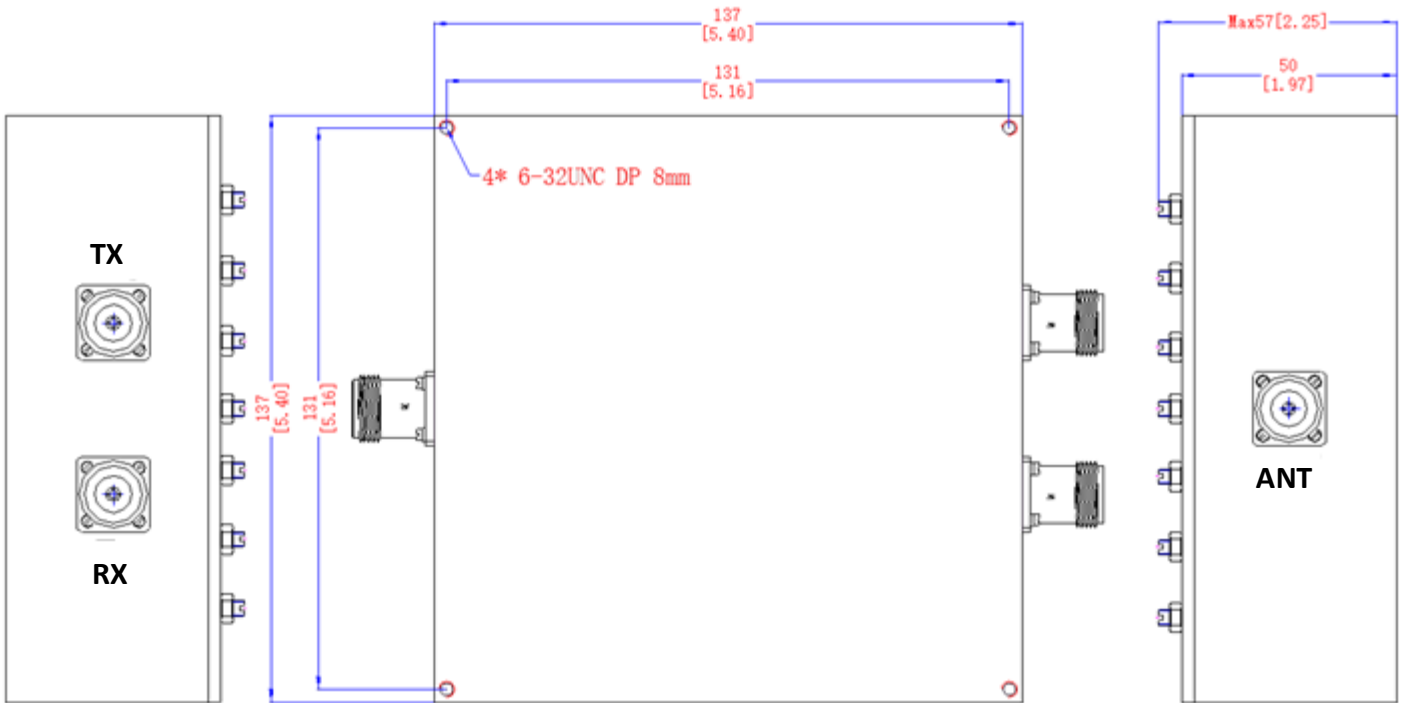
Mechanical

Mounting Method: 6-32 Threaded Holes
Connector Type: N-Type(F)
Dimensions: 5.40 x 5.40 x 2.25 in. (including Screws)

Environmental

Operating Temperature: -40 to +70° C
Storage Temperature: -55 to +85° C
Shock: 20G for 11ms half sine wave, 3 axis both directions
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:



Tolerance: +/-0.01 inches[+/-0.3mm]

Angles: +/-1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.