



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5781.5-5808.5 / 5901.5-5928.5 MHz Cavity Diplexer

Part Number: AE5795-5915D5403



Electrical Specifications

Center Freq.: Band1: 5785 MHz, Band2: 5915 MHz

Rx Band: 5781.5-5808.5 MHz (**BW 27 MHz**)

Tx Band: 5901.5-5928.5 MHz (**BW 27 MHz**)

1dB Bandwidth: 20 MHz Min, 25 MHz Max

Insertion Loss: 2.0 dB max

Return Loss: 15 dB min

Isolation: ≥65 dB @ 5785-5805 MHz

≥65 dB @ 5905-5925 MHz

Power Handling: 200 W Max

Mechanical

Connector Type: N-Type (F)

Dimensions: 3.94 x 3.31 x 1.18 Inches

Environmental

Operating Temperature: -40 to +85° C

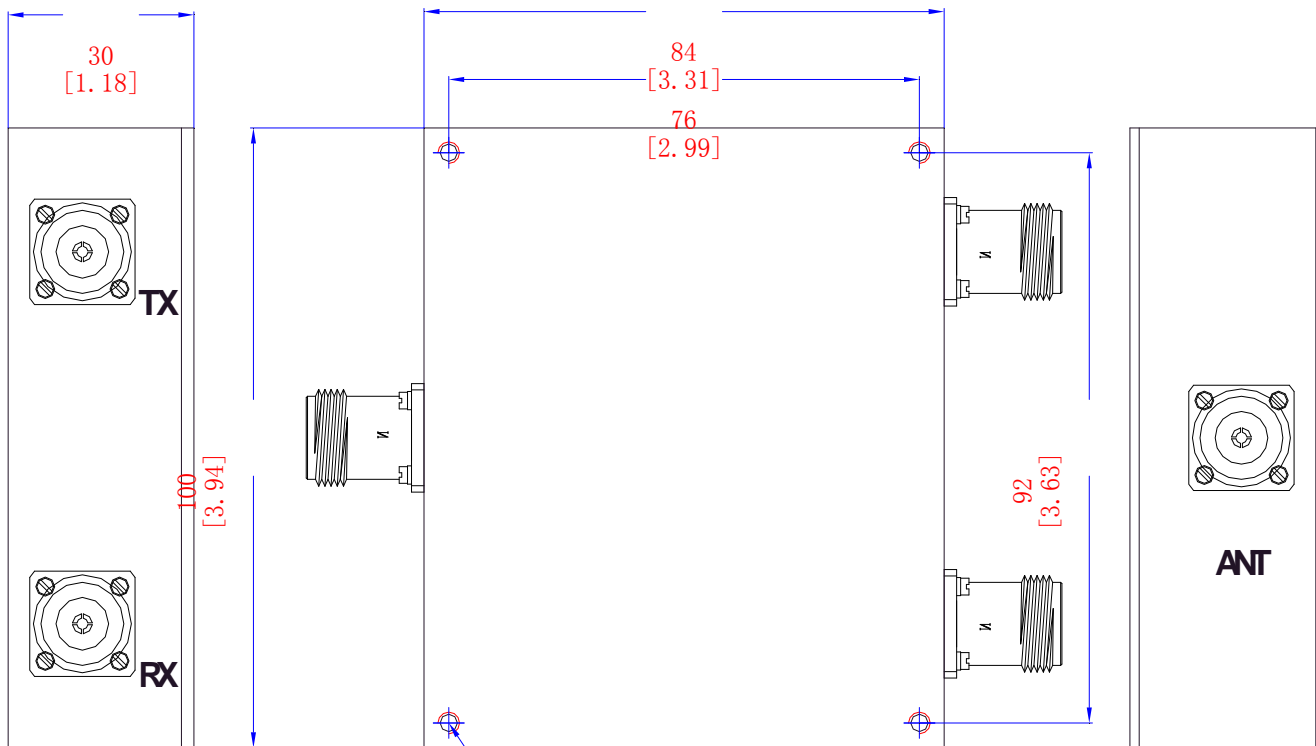
Storage Temperature: -50 to +95° C

Environment Class: IP67

Shock: 20 G. 11 ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:



4-6-32UNC DP 8mm



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Response Plot:

