



**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

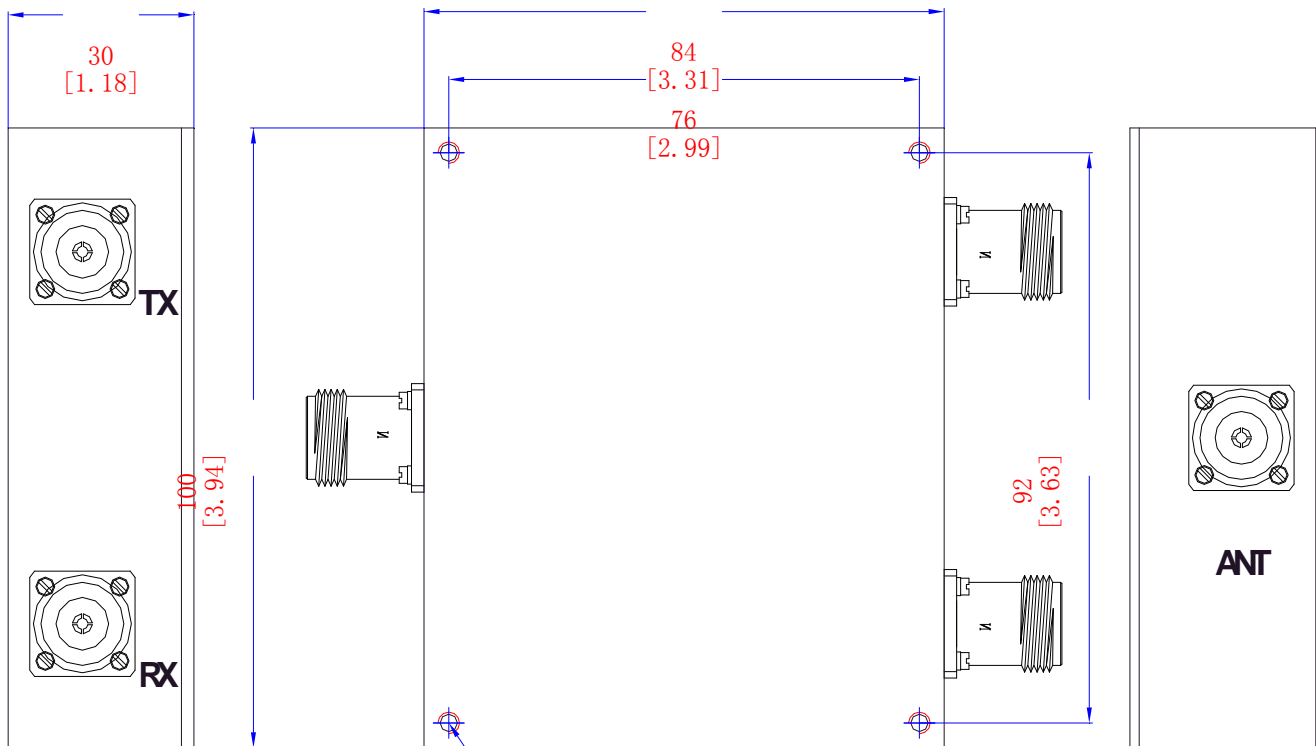
**Storage Temperature:** -50 to +95° C

**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:

