



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 763-768 / 793-798 MHz Cavity Duplexer

**Part Number: AE765-795D5408**



## Electrical Specifications

**Tx Band:** 763.3-768.3 MHz

**Rx Band:** 793.3-798.3 MHz

**Insertion Loss:** 2.0 dB Max at 765.8 MHz  
2.0 dB Max at 795.8 MHz

**Return Loss:** 14 dB Min

**Rejection:** ≥40 dB @ 762.6 MHz and 769 MHz  
≥40 dB @ 792.6 MHz and 799 MHz

**Power Handling:** 50 W

## Mechanical

**Connector Type:** N-Type (F)

**Dimensions:** 10.22 x 9.55 x 3.78 Inches

## Environmental

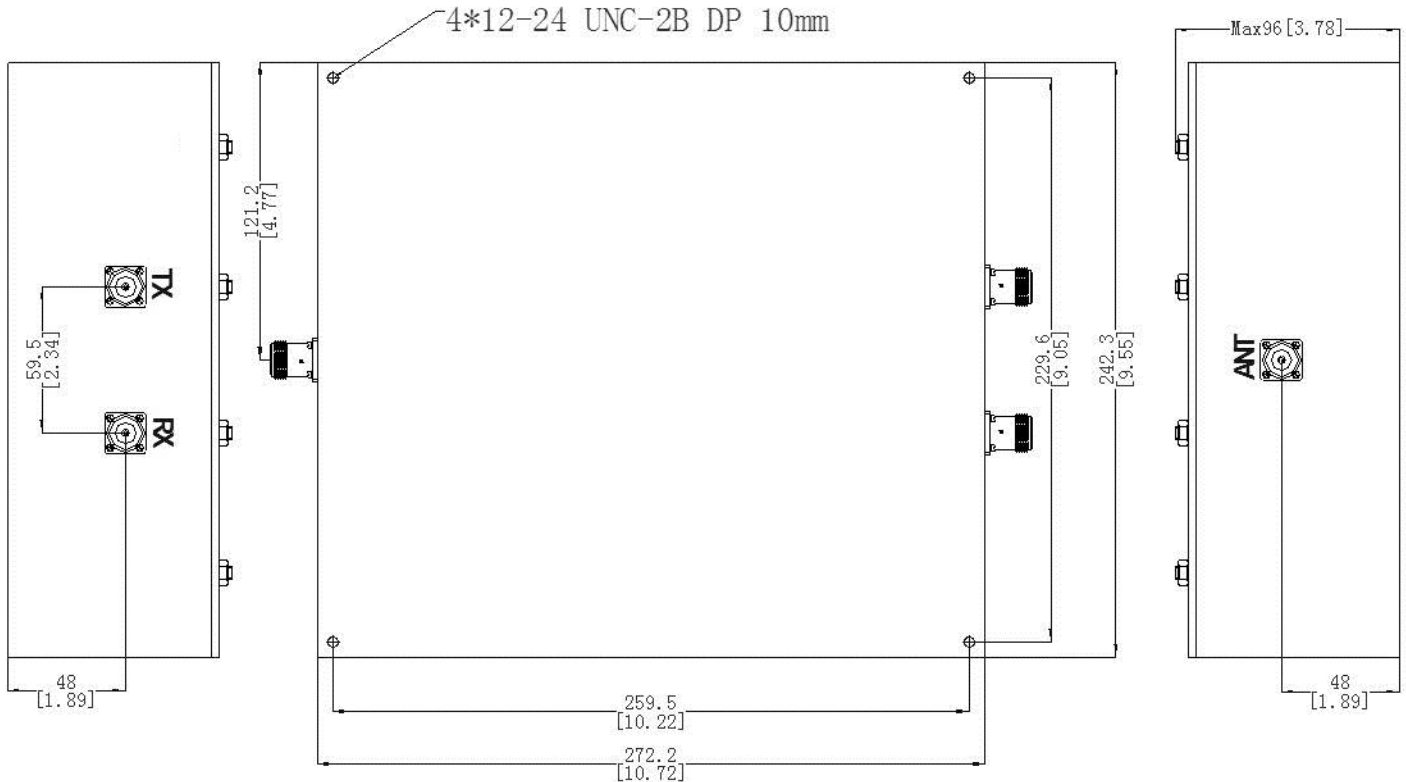
**Operating Temperature:** -40 to +85° C

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

**Shock:** 20 G. 11 ms

**Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:





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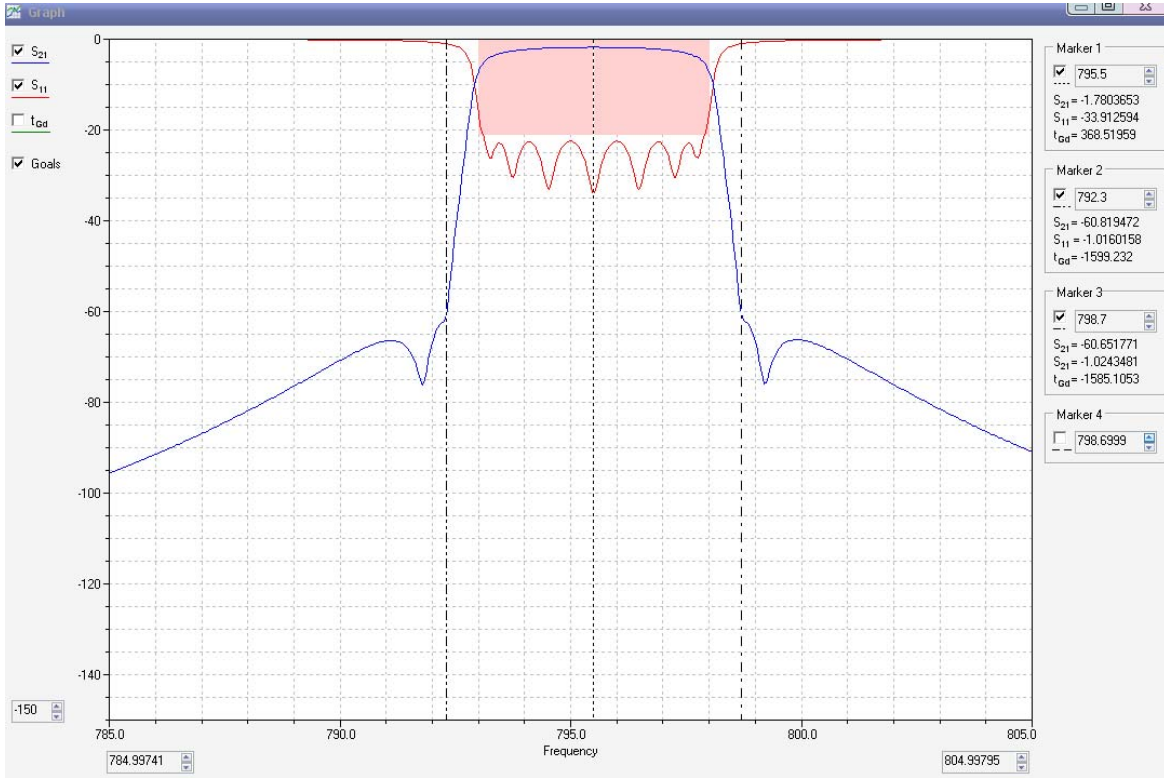
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## Response Plot:

**Rx:**



**Tx:**

