



**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

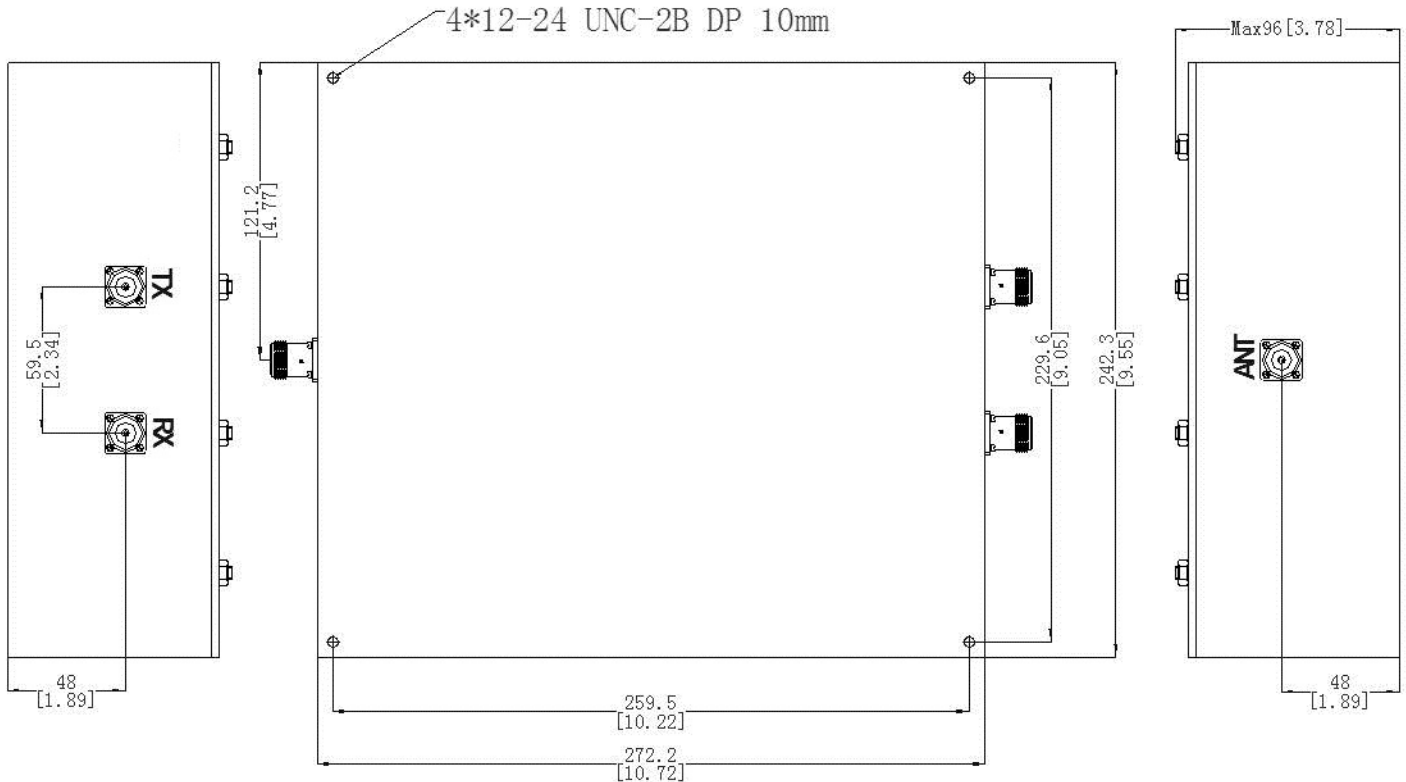
## Mechanical

**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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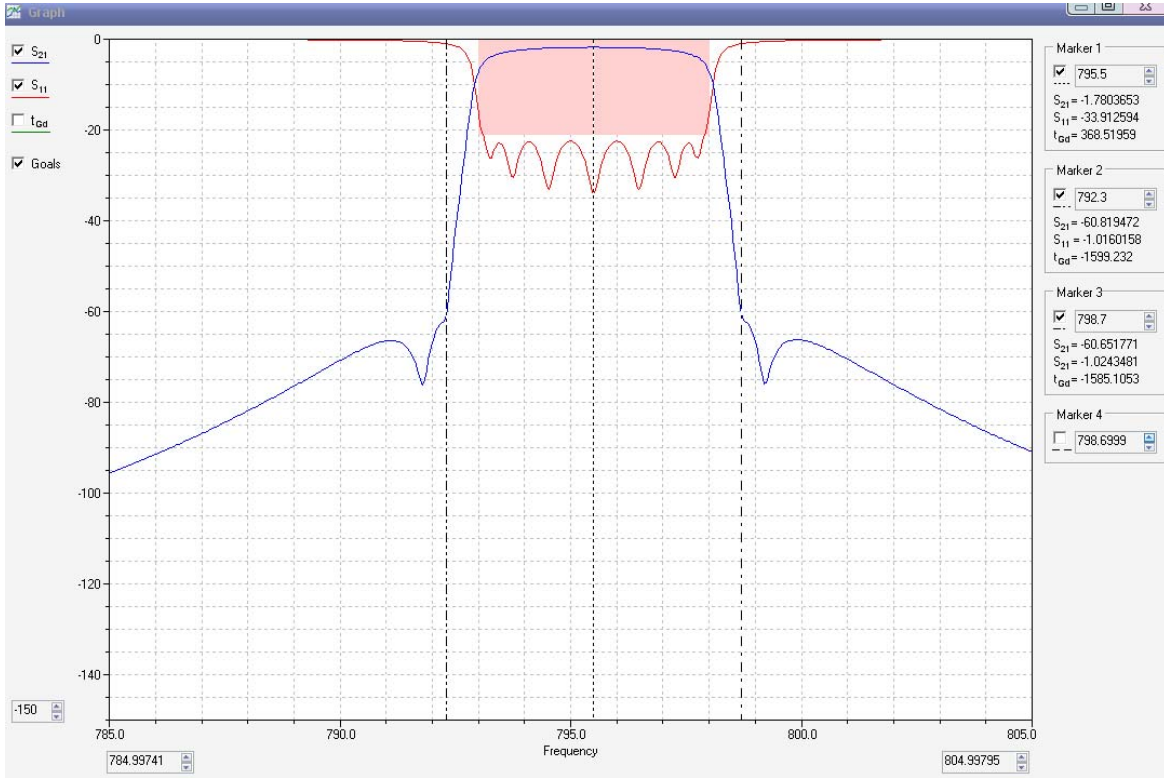
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## Response Plot:

**Rx:**



**Tx:**

