



**Electrical specifications**

**Band 1 CF:** 701 MHz  
**Band 2 CF:** 731 MHz  
**Band 1:** 698-704 MHz  
**Band 2:** 728-734 MHz  
**Insertion Loss:** 2.0 dB Max @ Fo  
**Return Loss:** 14 dB Min  
**Rejection:** 40 dB @ 700 KHz from band edges  
**Power Handling:** 5 Watts

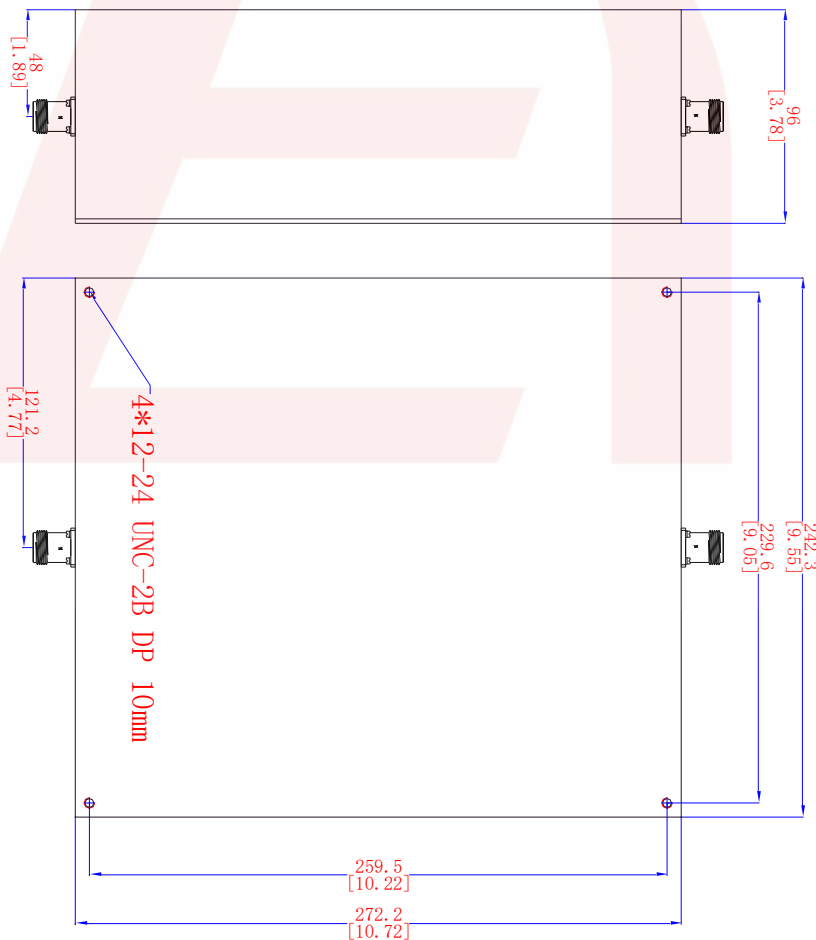
**Mechanical**

**Connector Type:** N-Type (F)  
**Dimensions:** 10.72 x 9.55 x 3.78 inches  
 272.2 x 242.3 x 96 mm

**Environmental**

**Temperature Range:** -40 to +75° C  
**Storage Temperature:** -50 to +90° C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz  
**Weather Sealing:** Outdoor - IP66

**Outline Drawing:**



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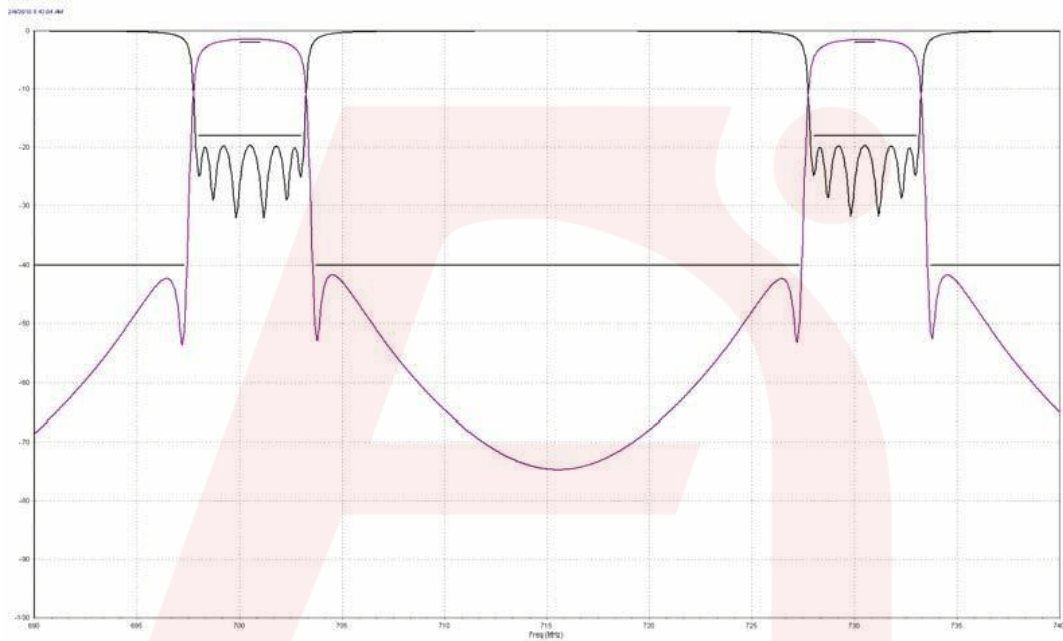
**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**698-704 MHz / 728-734 MHz**  
**Single In/Out Duplexer**

**Part Number: AD701-731C111**



**Plot:**



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