



# 512 MHz / 915 MHz Cavity Duplexer

## Part Number: AD512-915D468



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

### Electrical Specifications

**Rx Passband:** 488-537.5 MHz  
**Rx Bandwidth:** 49.5 MHz  
**Rx Insertion Loss:** 1.5 dB Max at Fo  
2.5 dB Max at 488, 537 MHz  
**Rx Rejection:** >20 dB @ 485 MHz, 540.5 MHz

**Tx Passband:** 902-928 MHz  
**Tx Bandwidth:** 26 MHz  
**Tx Insertion Loss:** 1.5 dB Max  
**Tx Rejection:** >45 dB @ 850-894 MHz  
>45 dB @ 936-950 MHz  
**Rx/Tx Return Loss:** 15 dB Min

### Mechanical

**Connector Type :** N-Type (F)  
**Dimensions:** 9.14 x 4.25 x 2.35 inches

### Environmental

**Operating Temperature:** -30 to +75° C  
**Storage Temperature:** -30 to +85° C

### Outline Drawing:

