ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

# 512 MHz / 915 MHz Cavity Duplexer

## Part Number: AD512-915D468

ISO 9001 REGISTERED FIRM

## 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

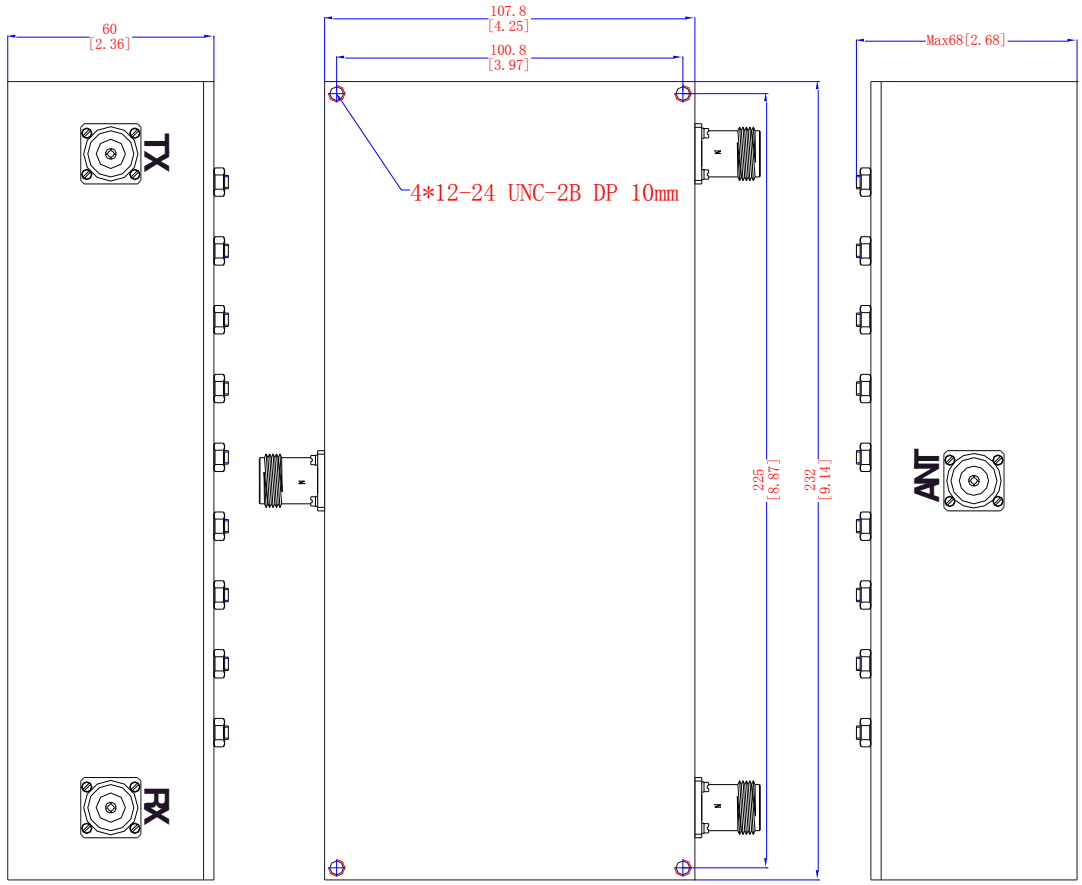
## Mechanical

**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:




70 Outwater Lane
Garfield, NJ 07026
Phone: (973) 772-4242
Fax : (973) 772-4646
Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com