



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1025-1035 / 1085-1095 MHz Cavity Duplexer

Part Number: AE1030-1090D483



Electrical Specifications

Rx Band: 1025-1035 MHz

Tx Band: 1085-1095 MHz

Insertion Loss: 1.3 dB Max

Return Loss: 15 dB Min

Isolation: 60 dB

Impedance: 50 Ω

Rx/Tx Rejection: $\geq 40\text{dB@Edge Frequency} \pm 12\text{MHz}$
 $\geq 60\text{db@Edge Frequency} \pm 25\text{MHz}$

Power Handling: 4 kW Peak, 40 W CW

Mechanical

Connector Type: SMA (F)

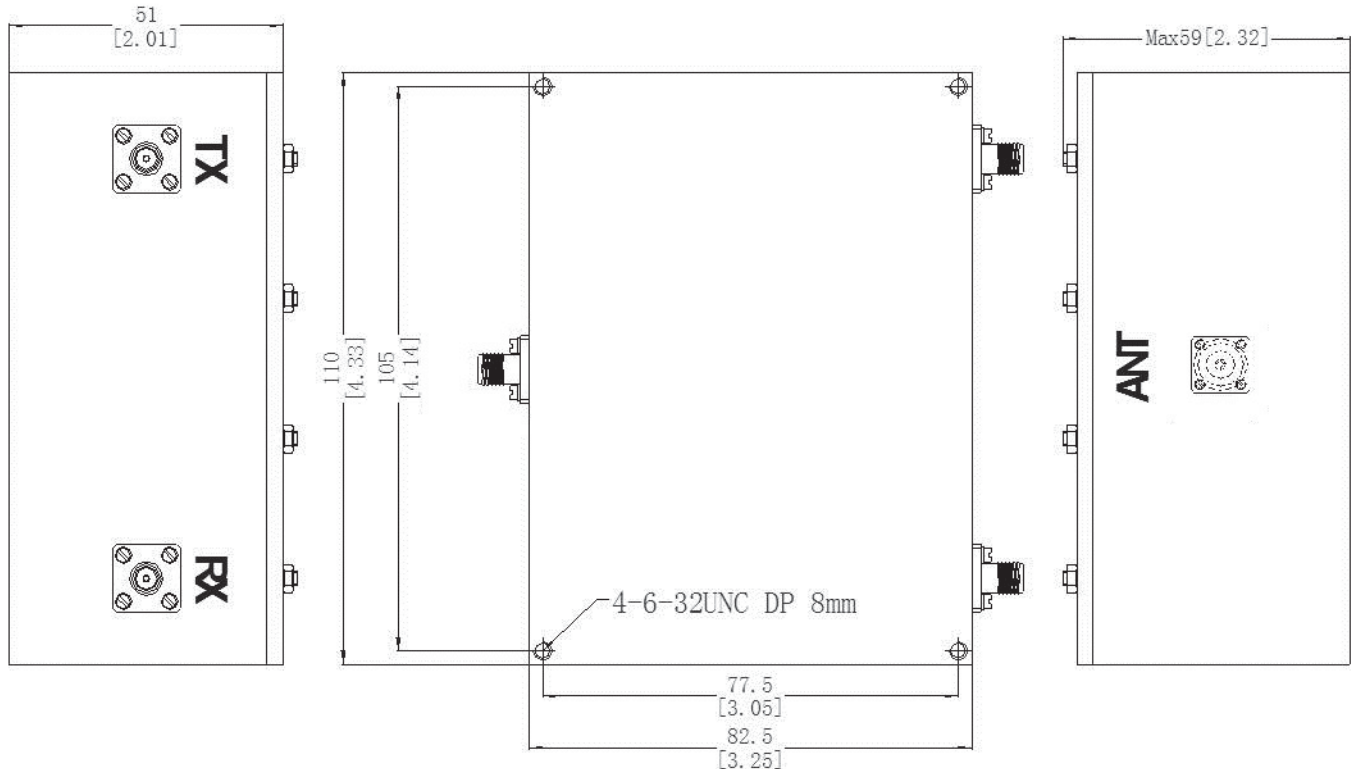
Dimensions: 4.33 x 3.25 x 2.32 Inches

Environmental

Operating Temperature: -40 to +85° C

Storage Temperature: -50 to +95° C

Outline Drawing:





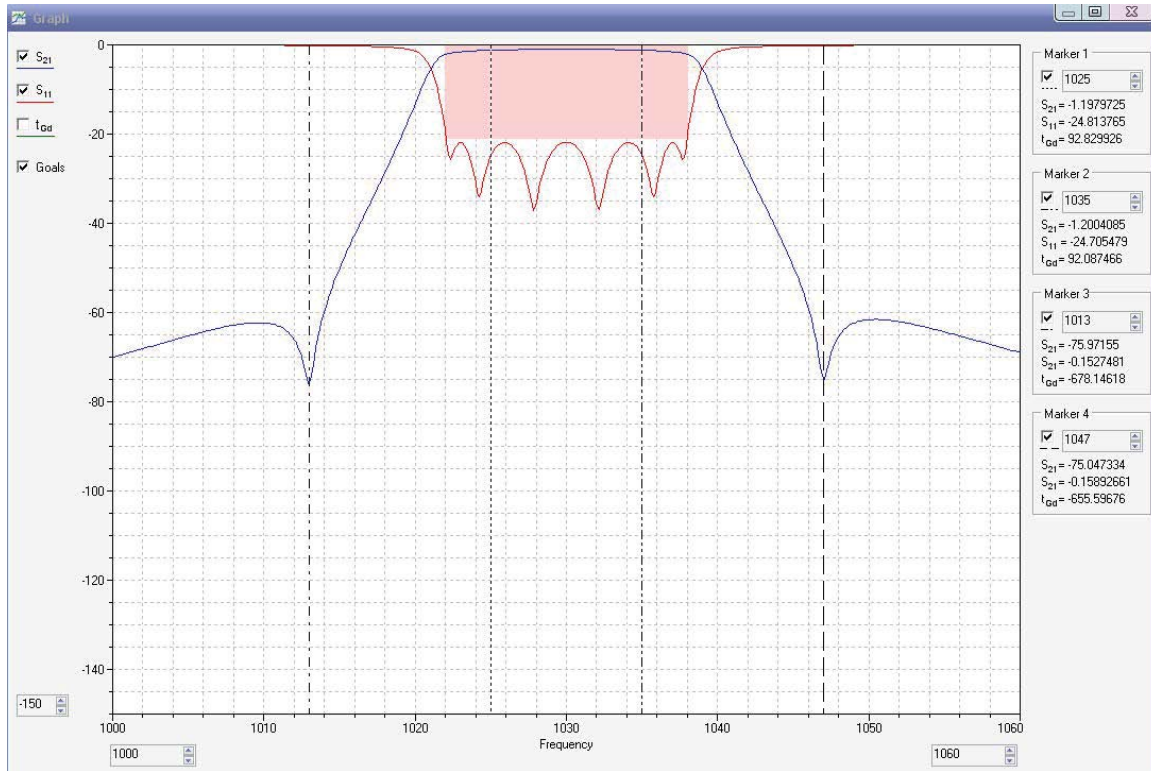
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RX Response Plot:



TX Response Plot:

