



Electrical Specifications

Passband 1: 2515-2570 MHz
Bandwidth: 55 MHz
Insertion Loss: 3.0 dB Max
Rejection: >=50 dB @ 2500 MHz

Passband 2: 2575-2635 MHz
Bandwidth: 55 MHz
Insertion Loss: 3.0 dB Max
Rejection: >=70 dB @ 2500 MHz

Return Loss in Passband1 & 2: 15 dB Min
Isolation: >=45 dB
Power Handling: 20 W

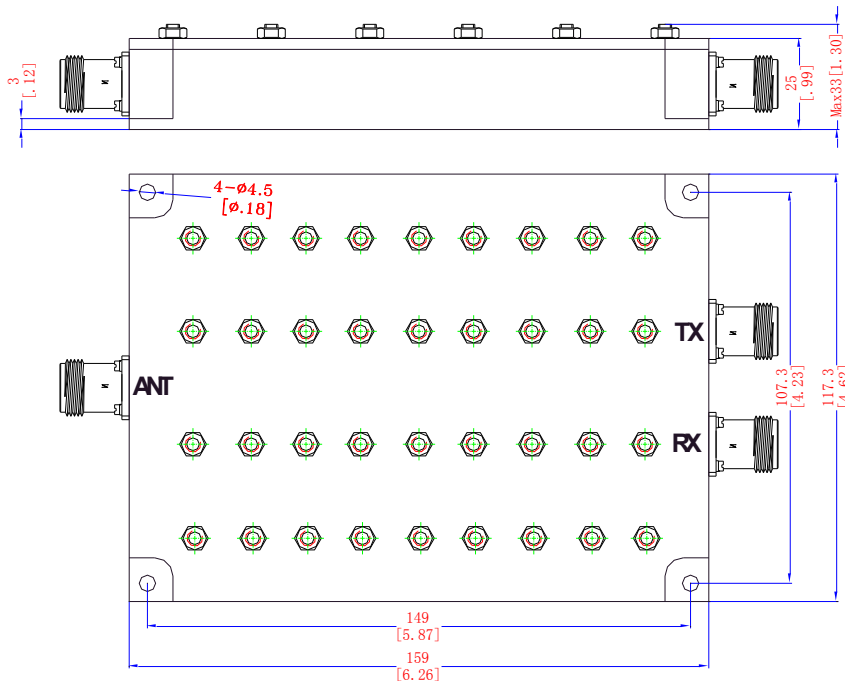
Mechanical

Connector Type: N(F)
Dimensions: 6.26 x 4.82 x 1.30(Incl. screws) inches
159 x 117.3 x 33 mm

Environmental

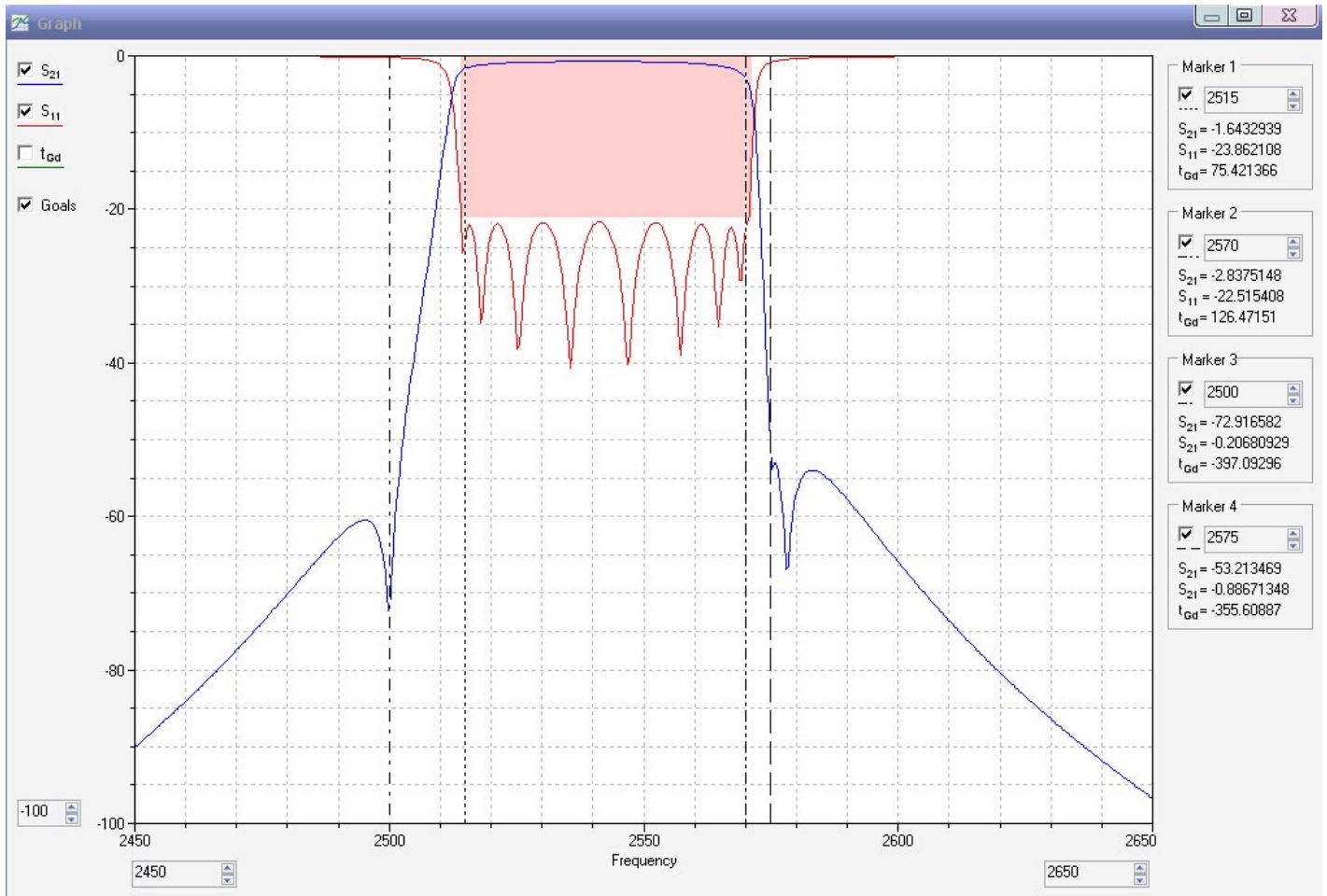
Operating Temperature: -40 to +70° C
Storage Temperature: -50 to +90° C

Outline Drawing:





Simulation plot:





ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2615-2635 MHz / 2575-2635 MHz Cavity Duplexer

Part Number: AE2542-2605D5413



Simulation plot band 2:

