



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2245 MHz Cavity Bandpass Filter

For Outdoor

Part Number: AE2245B12126-O



Electrical specifications

Center Frequency: 2245 MHz
Passband: 2200 – 2290 MHz
Insertion Loss: 1.8 dB Max
Return Loss: 15 dB Min
Rejection: 50 dB Min @ 2190 MHz
50 dB Min @ 2300 MHz
Impedance: 50 Ohms In/Out
Phase Matching: $\pm 5^\circ$ for set of 4 units
Power Handling: 50 W CW Max

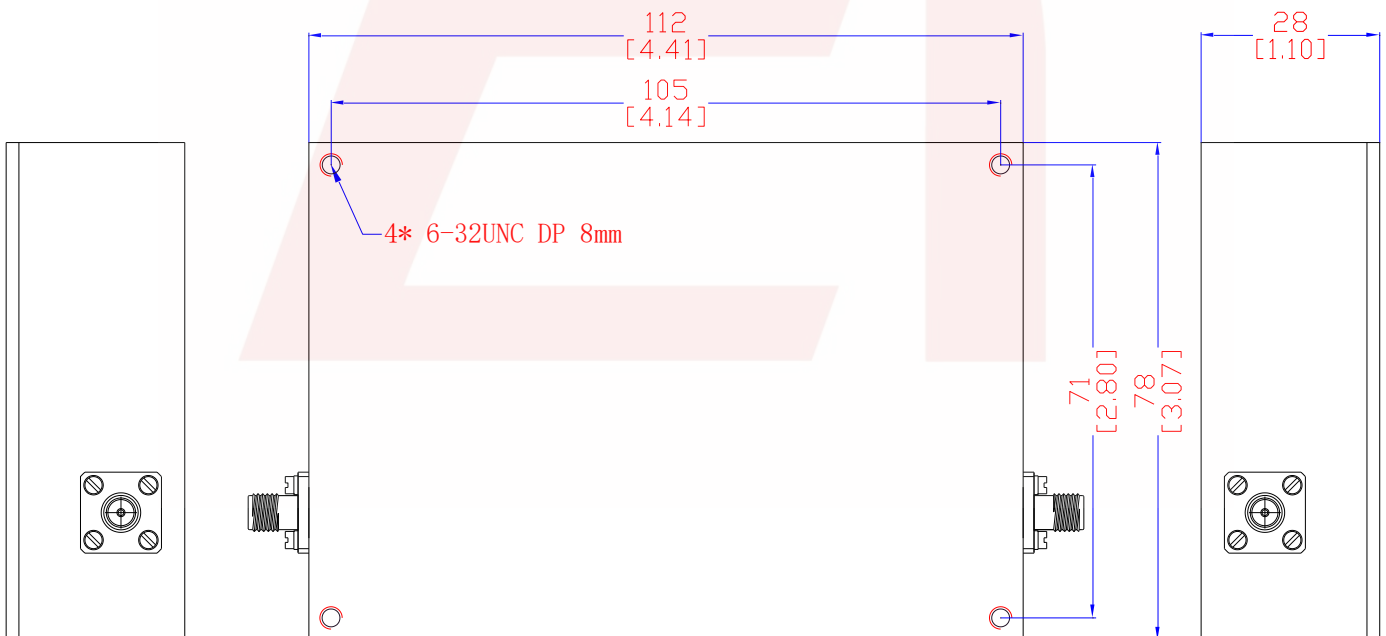
Mechanical

Connector Type: SMA Female
Dimensions: 4.41 x 3.07 x 1.10 in.
112 x 78 x 28 mm

Environmental

Operating Temperature: -50 to +55° C
Storage Temperature: -45 to +85° C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz
IP Rating: IP65

Outline Drawing:



DS-B12126-O-03072024-Rev0



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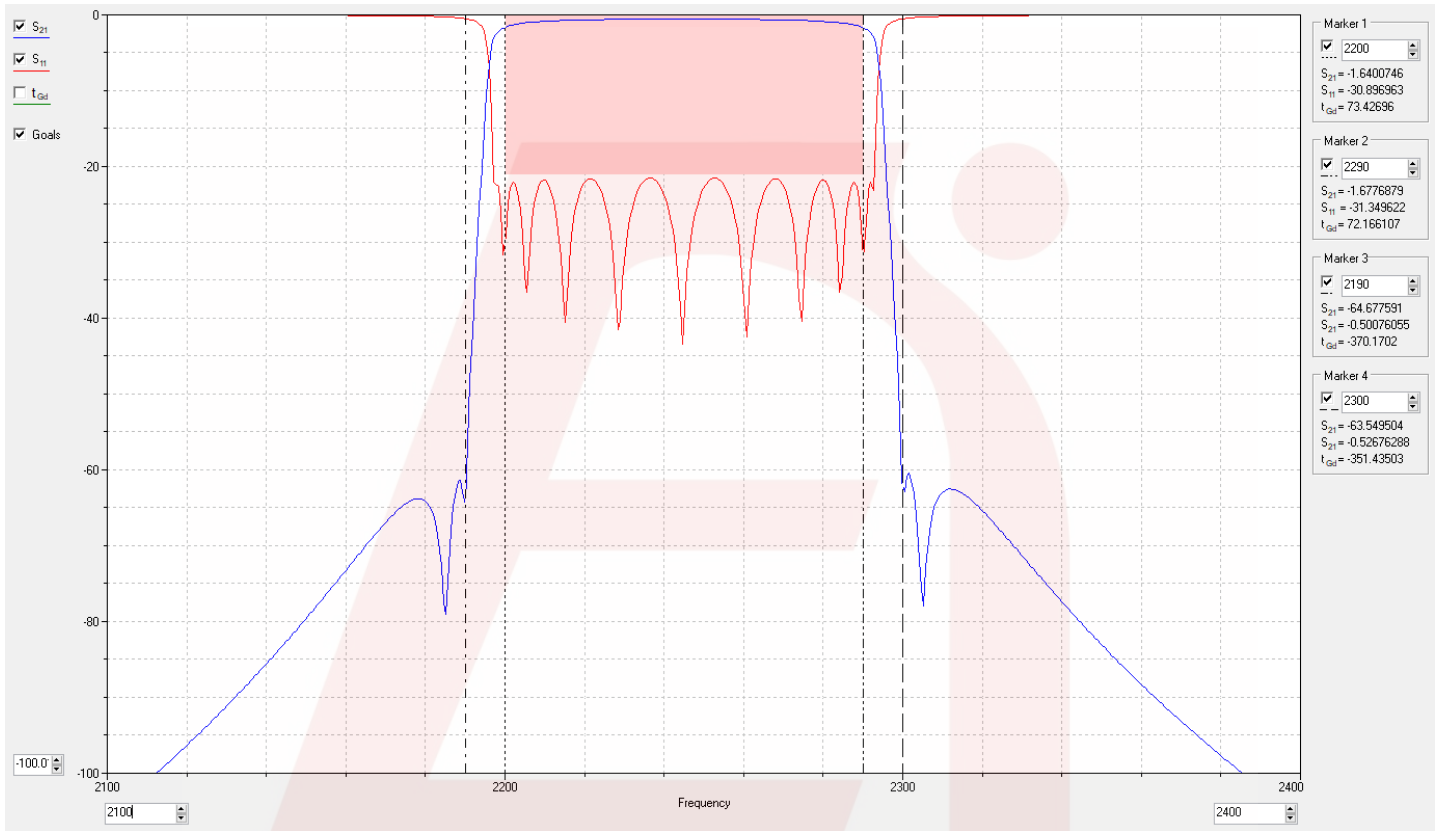
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Simulation Response Plot:



Note: This is a simulation Plot. Actual response plot might differ.

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