



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2246 MHz Cavity Bandpass Filter

Part Number: AE2246B12050



Electrical specifications

Center Frequency: 2246 MHz
Passband: 2210 – 2283 MHz
Insertion Loss: 2.0 dB Max at band edges
Return loss: 15 dB Min
Rejection:
 30 dB Min. @ 2200 MHz & 2290 MHz
 70 dB Min @ 2185 MHz
 70 dB Min @ 2308 – 6000 MHz
Impedance: 50 Ohms In/Out
Power Handling: 50 Watts

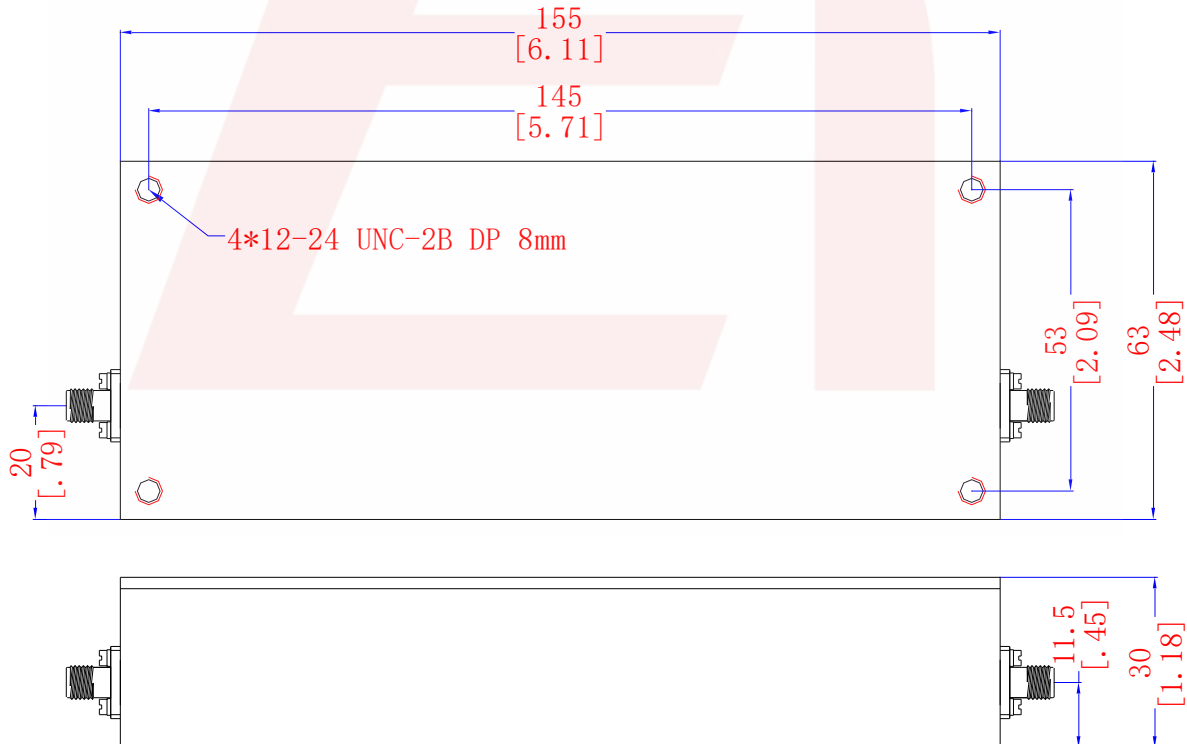
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA Female
Dimensions: 6.11 x 2.48 x 1.18 in.

Environmental

Operating Temperature: -45°C to +80 °C
Storage Temperature: -55 °C to +95°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz
Outdoor rating: IP65

Outline Drawing:

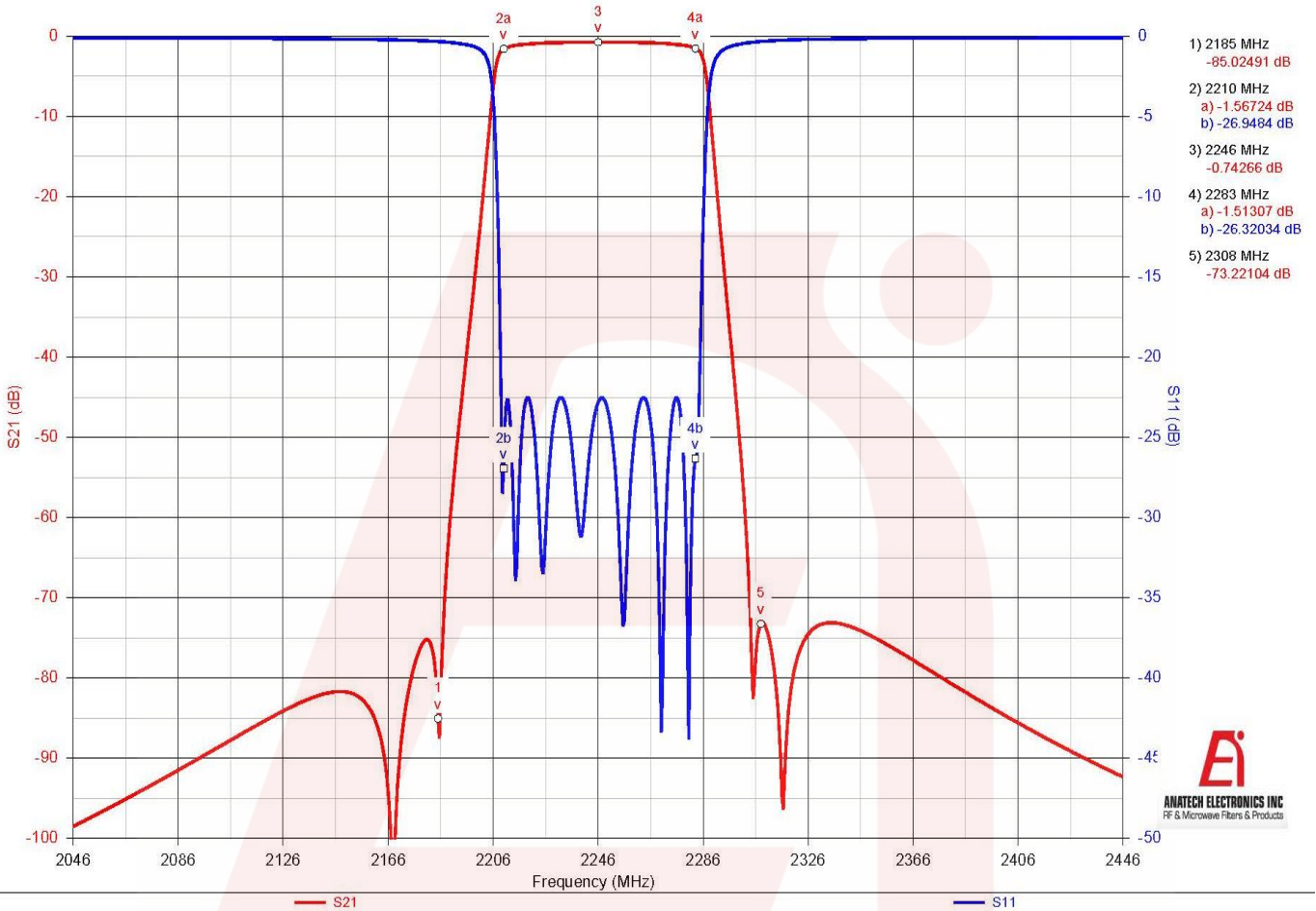


All Dimensions in mm (inches)
 Outline Tolerances $\pm 0.3(0.012)$

DS-B11982-11182022-Rev0



Simulated Plot:



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