



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

9500-10500 MHz Cavity Bandpass Filter

Part Number: AB10000B1139



Electrical specifications

Passband Frequency: 9500-10500 MHz
Insertion Loss @ Band Edges: ≤2.0dB
Passband Return Loss: ≥14dB
Rejection: 70dB @ 8500 MHz
Rejection 2: 70 dB @ 11500 MHz
Input / Output Impedance: 50 Ohms
Power Handling: 2W

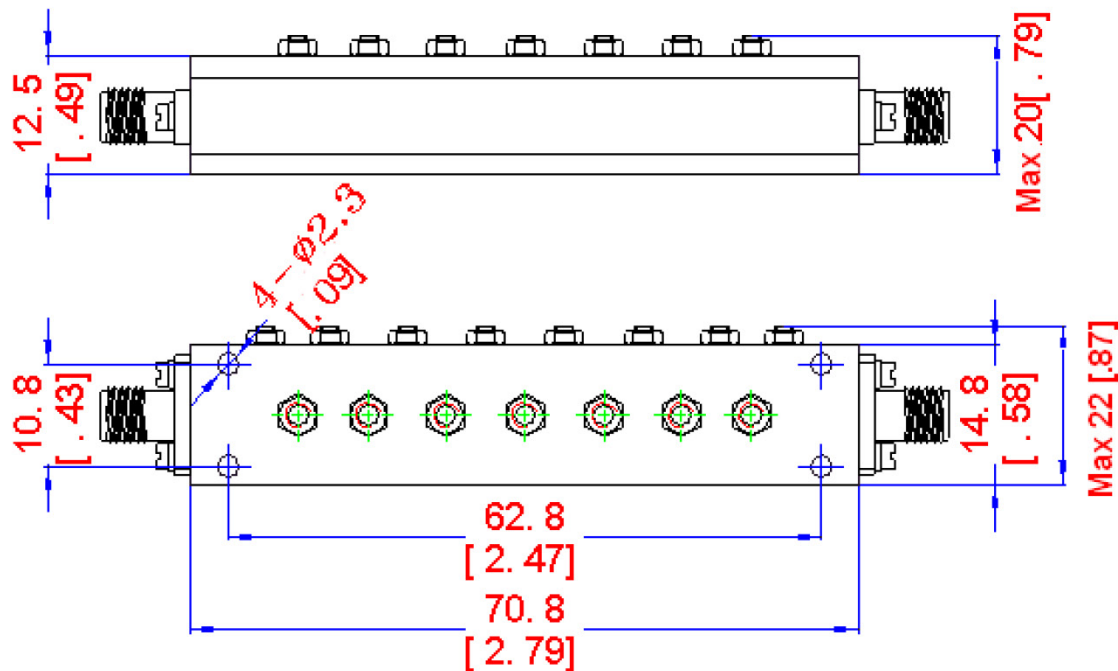
Mechanical

Connector Type: SMA (F)
Dimensions: 2.79 x 0.58 x 0.79 inches
Surface Finish: Black

Environmental

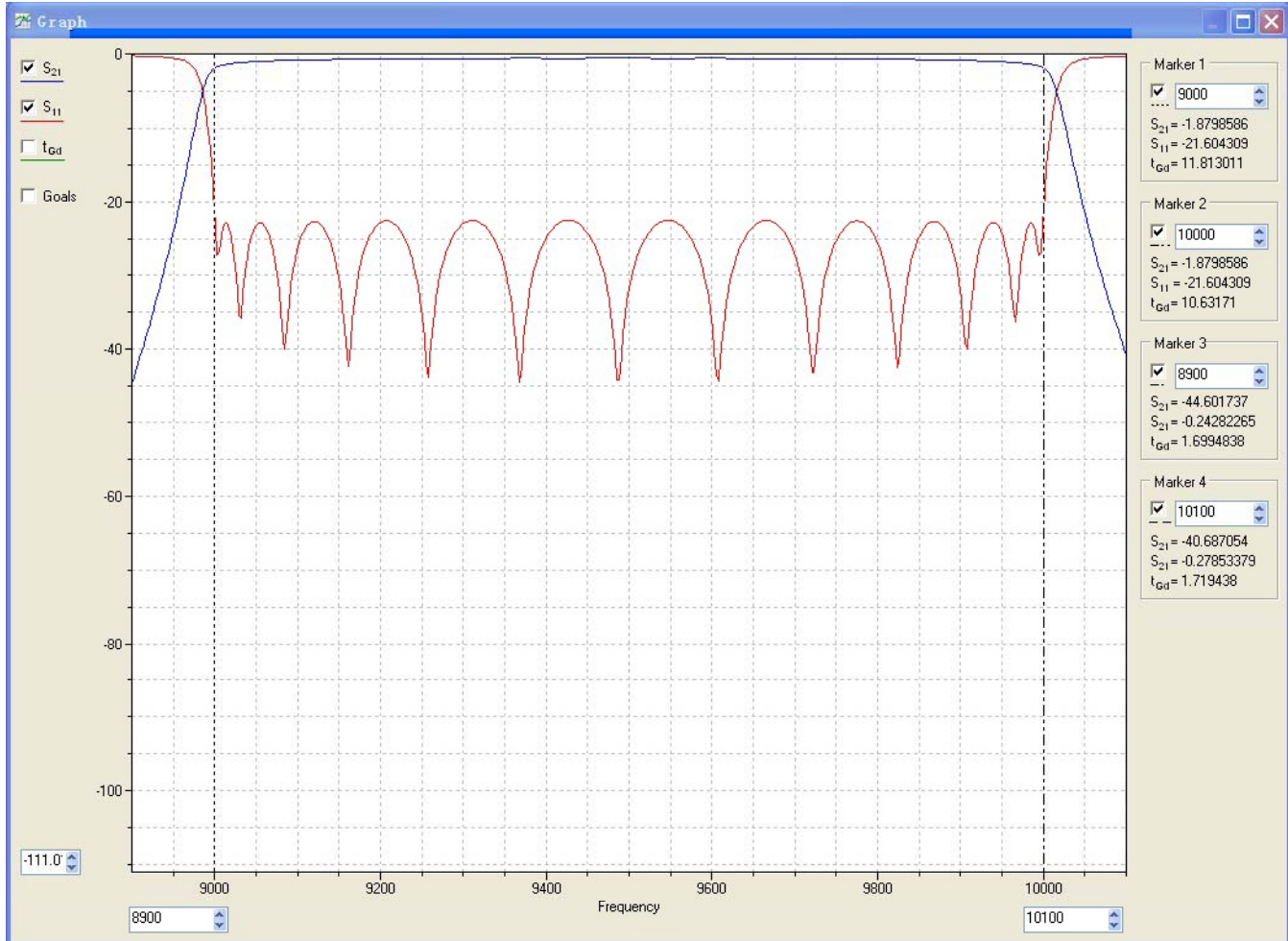
Operating Temperature: -45 to +85 deg.C
Storage temperature: -65 to +95 deg.C
Shock: 20 G's, ½ sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%

Outline Drawing:





Response Plot:



Representative data taken for a 9500 MHz Fc version.
Performance shall be identical at an Fc of 10000 MHz