



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

11700 MHz Cavity Band Pass Filter

Part Number: AE11700B11648



Electrical Specifications

Center Frequency: 11700 MHz
Bandwidth: 1400 MHz
Pass Band: 11000 – 12400 MHz
Insertion Loss: 1.0 dB Max.
Return Loss: 14 dB Min.
Rejection: ≥ 30 dB @ 10500 MHz
Rejection: ≥ 30 dB @ 12700 MHz
Power Handling: 30 W
Impedance: 50 Ohms

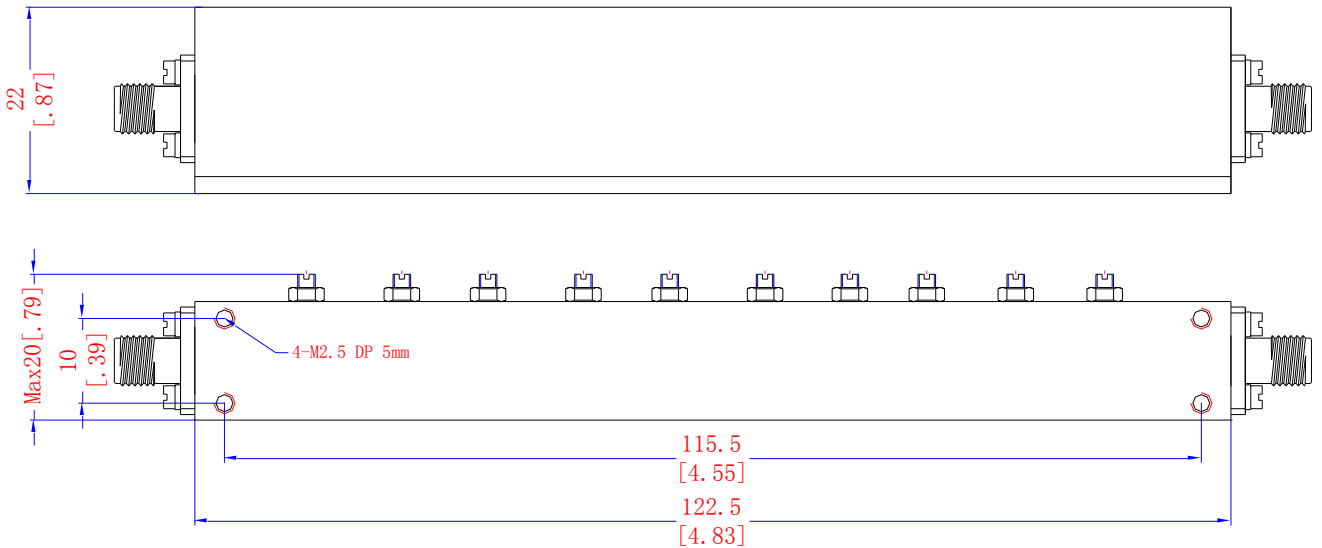
Mechanical

Connector Type: SMA Female
Dimensions: 4.83" X 0.87" x 0.79" .

Environmental

Operating Temperature: -55°C to +85°C
Storage Temperature: -55°C to +125°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.

70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 321-3941

Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com



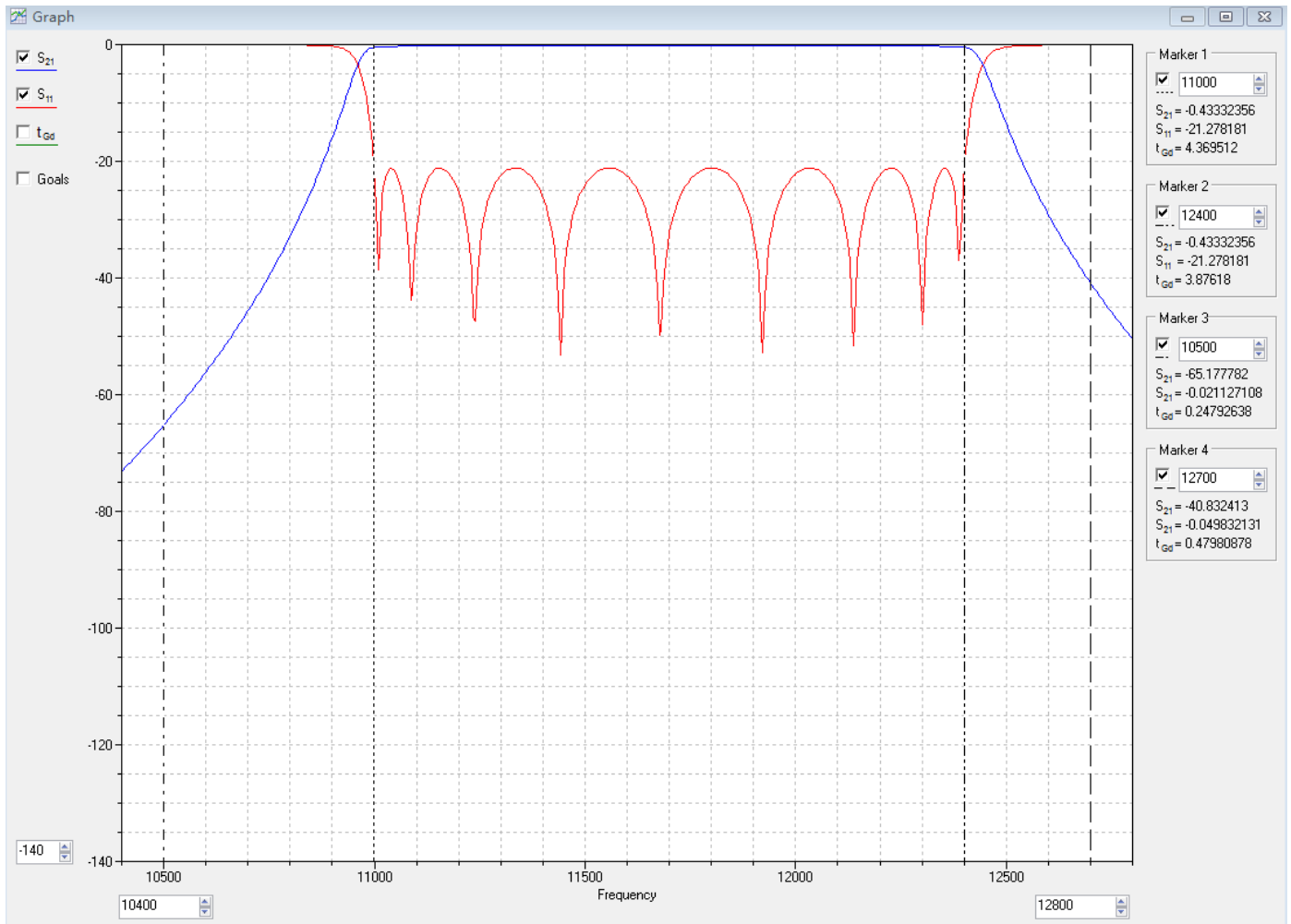
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

11700 MHz Cavity Band Pass Filter

Part Number: AE11700B11648



Simulation Plot:



Note: This is a simulation Plot. Actual Response plot might differ once product is manufactured.

70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 321-3941

Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com