



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2500 MHz Bandpass Filter

Part Number: AE2500B11688



Electrical Specifications

Center Frequency: 2500 MHz
Bandwidth: 53 MHz
Passband: 2473.5-2526.5 MHz
Passband Insertion Loss: 1.0 dB Max.
Passband Ripple: 0.4 dB Max.
VSWR: 1.5:1 Max.
Rejection 1: 53 dB Min. @ 2300 MHz
Rejection 2: 53 dB Min. @ 2700 MHz
Power Handling: 10W
Impedance: 50 Ohms

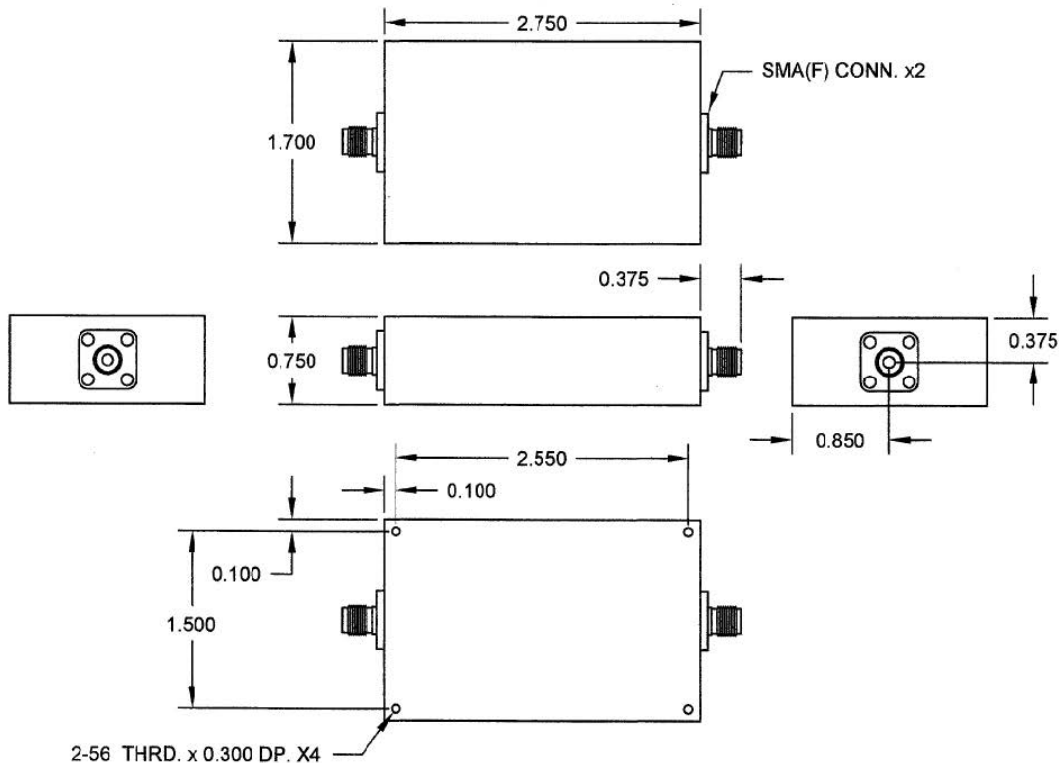
Mechanical

Connector Type: SMA(Female)
Dimensions: 2.75" X 1.7" x 0.75" Approx.
 (69.85 X 43.18 X 19.05 mm Approx.)

Environmental

Operating Temperature: -45°C to +85°C
Storage Temperature: -55°C to +95°C

Outline Drawing:



2 decimal places: +/-0.01 inches [+/-0.3mm]
 3 decimal places: +/-0.005 inches [+/-0.13mm]
 Angles: +/-1 Deg.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.
 The actual outline drawing may be changed once the product will manufacture after the order received.*

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

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



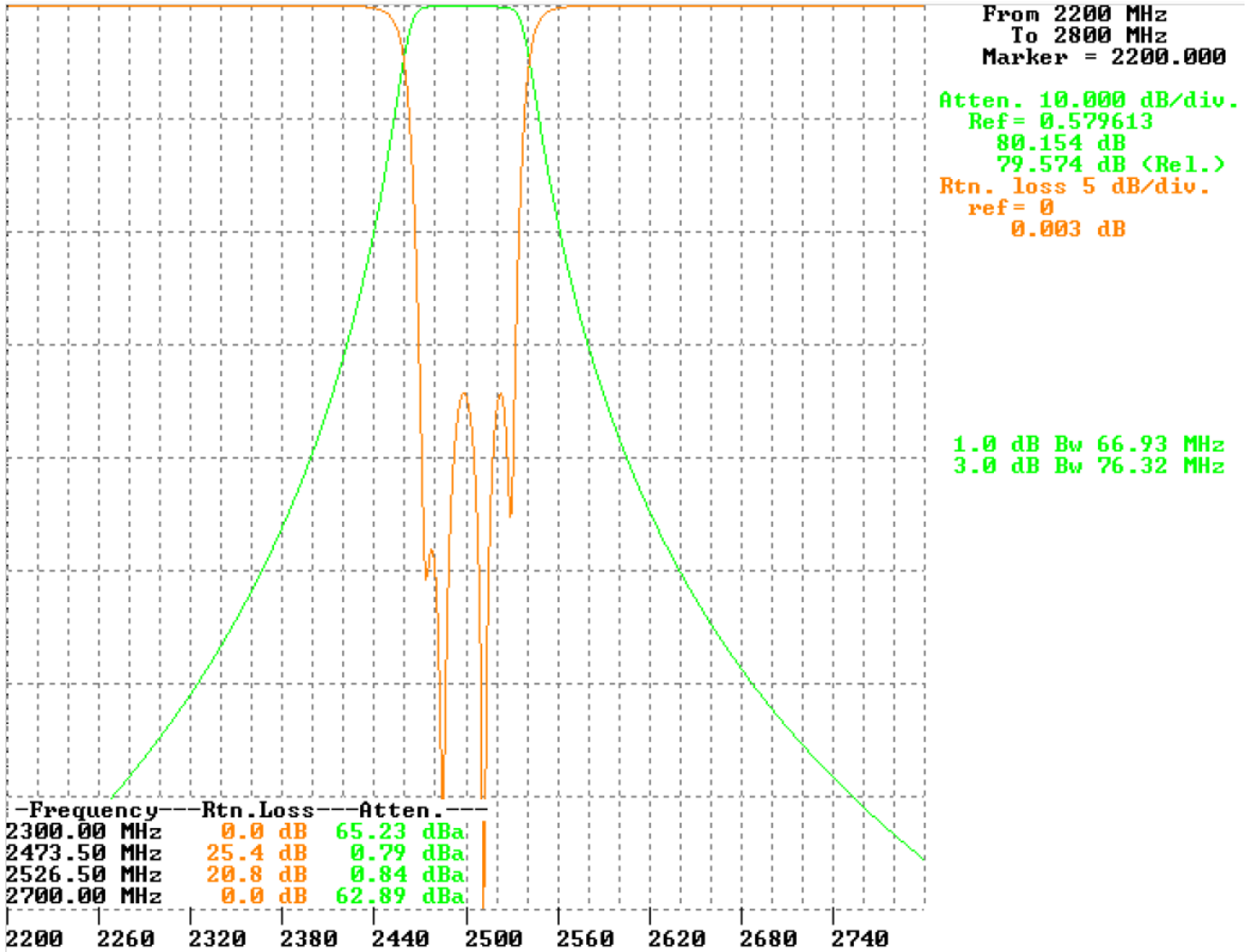
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2500 MHz Bandpass Filter

Part Number: AE2500B11688



Simulation Plot:



Note: This is a simulated response plot. Actual performance might differ.

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

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