



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

## 2600 MHz Bandpass Filter

**Part Number: AE2600B11687**



### Electrical Specifications

**Center Frequency:** 2600 MHz  
**Bandwidth:** 53 MHz  
**Passband:** 2573.5-2626.5 MHz  
**Passband Insertion Loss:** 1.0 dB Max.  
**Passband Ripple:** 0.4dB Max.  
**VSWR:** 1.5:1 Max.  
**Rejection 1:** 53 dB Min. @ 2400 MHz  
**Rejection 2:** 53 dB Min. @ 2800 MHz  
**Power Handling:** 10W  
**Impedance:** 50 Ohms

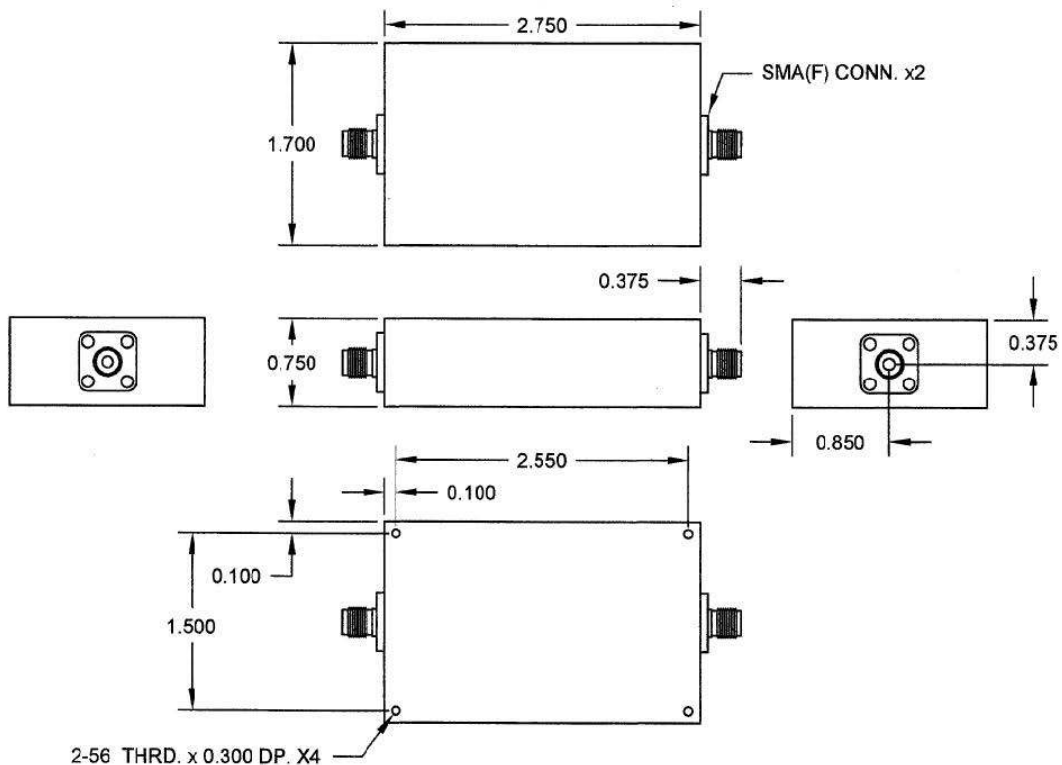
### Mechanical

**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](mailto:sales@anatechelectronics.com)**  
**Web: [www.anatechelectronics.com](http://www.anatechelectronics.com)**



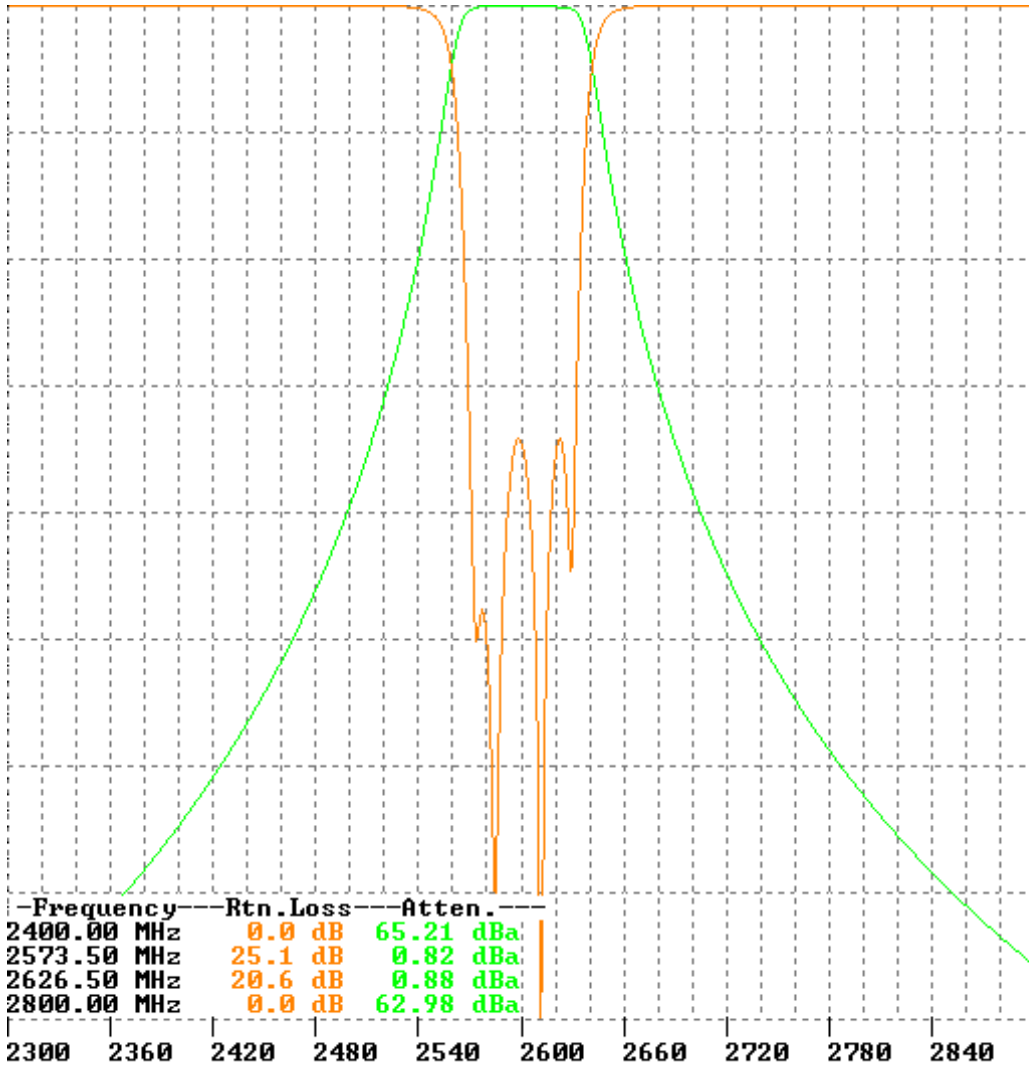
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## Simulation Plot:



From 2300 MHz  
To 2900 MHz  
Marker = 2300.000

Atten. 10.000 dB/div.  
Ref = 0.601548  
80.122 dB  
79.520 dB (Rel.)  
Rtn. loss 5 dB/div.  
ref = 0  
0.003 dB

1.0 dB Bw 66.93 MHz  
3.0 dB Bw 76.32 MHz

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