



# 6790 MHz Waveguide Band stop Filter



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

**Part Number: AE6790WN2261**

## Electrical Specifications

**Stop Band Center Frequency:** 6790 MHz  
**Stop Band Frequency:** 6752.5-6827.5 MHz  
**Stop Band Bandwidth :** 75 MHz  
**Stop Band Attenuation:** ≥50dB  
**Pass Band Frequency:**  
DC ~ 6680 MHz & 6900 ~ 14000 MHz  
**Pass Band Insertion Loss:** ≤2.0dB  
**Pass Band VSWR:** ≤1.7:1  
**Impedance:** 50 Ohms  
**Power Handling:** ≤50W

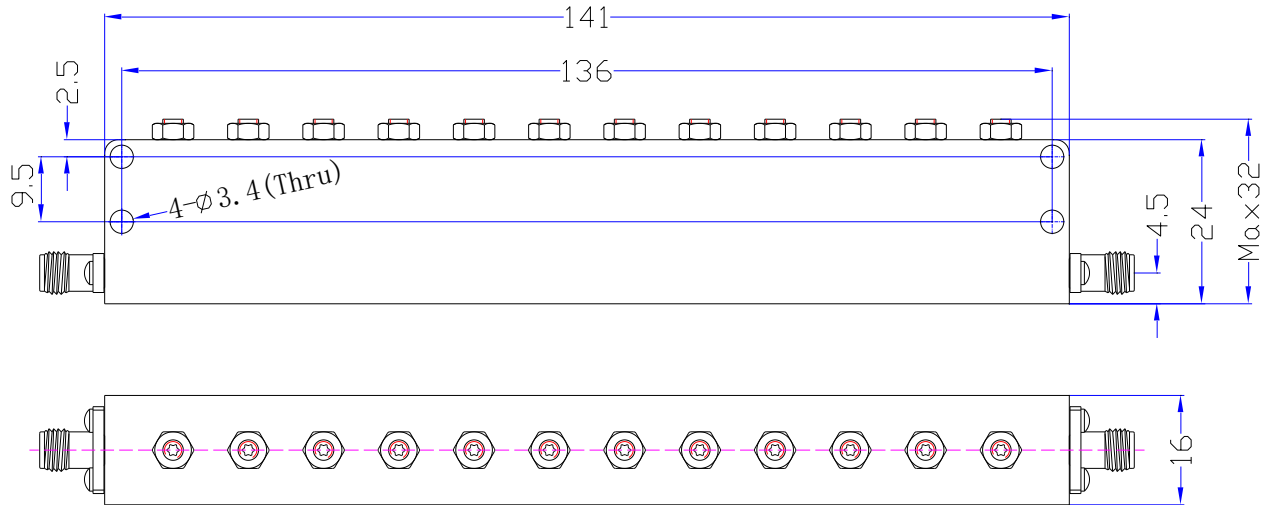
## Mechanical

**Mounting Method:** 3.4mm dia. Thru Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 141 x 32 x 16 mm  
(5.55" x 1.26" x 0.63" )

## Environmental

**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -55°C to +95°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz

## 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.

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Reference DCR: D110419-01A

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