



2610 MHz Cavity Bandpass Filter

ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AB2610B849



Electrical specifications

- Center Frequency:** 2610 MHz
- Insertion loss @Fo:** <0.85 dB
- 0.25 bandwidth:** 30 MHz
- Return loss @Fo** >20 dB
- Rejection frequency on low side:** 2532 MHz
- Rejection frequency on high side:** 2652 MHz
- Attenuation at low side:** -50
- Attenuation at high side:** -60
- Power handling:** 10 W avg., 100 W peak
- Forward coupling:** 40 dB +/-1.5 dB
- Reverse coupling:** 40 dB +/-1.5 dB
- Directivity:** 30 dB min

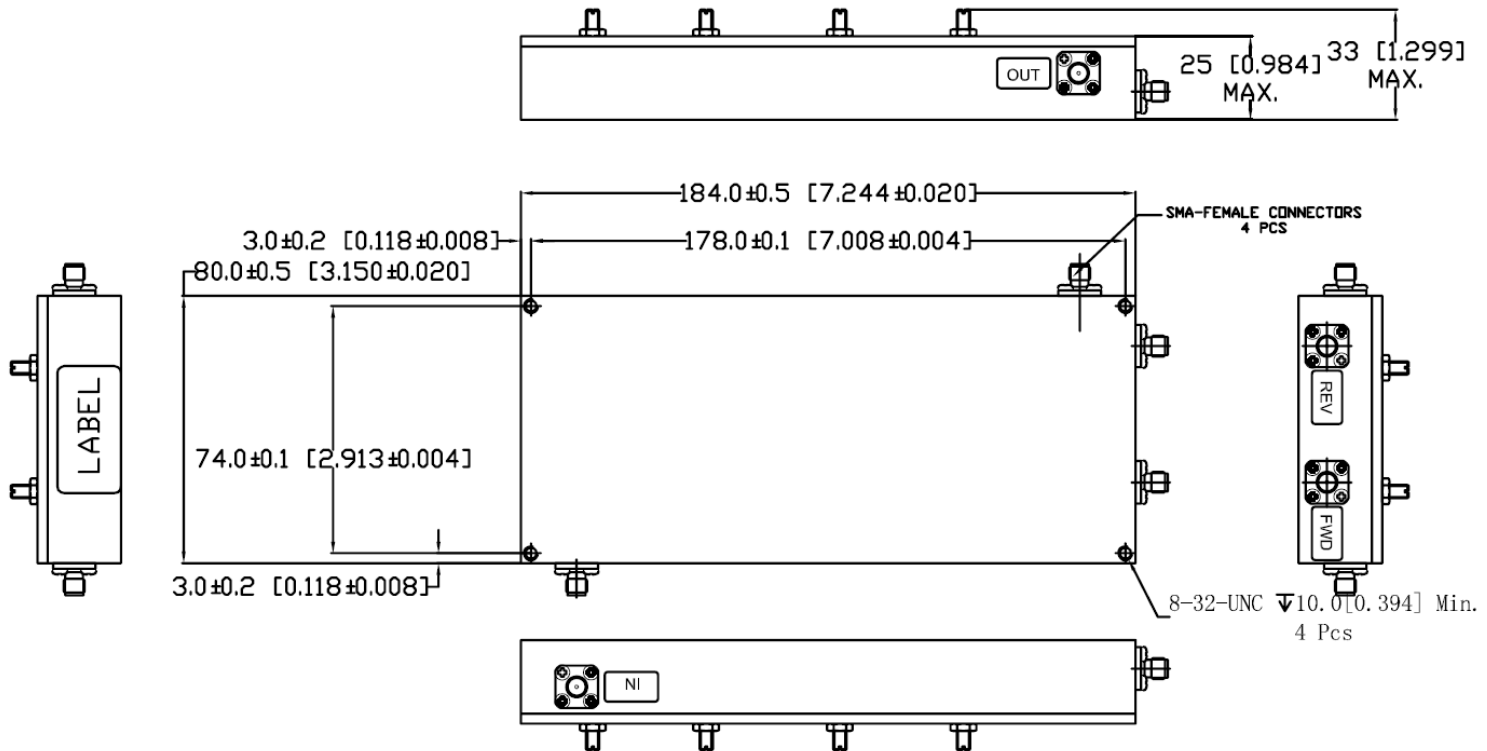
Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** SMA Female
- Dimensions:** 7.24" X 3.15" X 1.29" in

Environmental

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

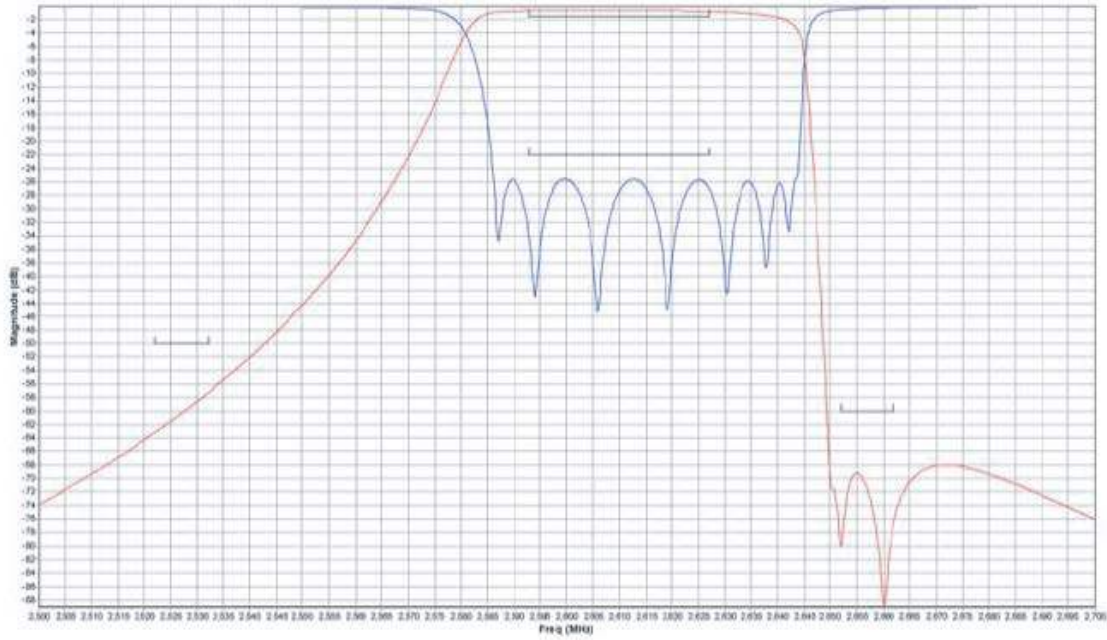
Outline Drawing:





Plot:

Rejection and Return Loss



Insertion Loss

