



1625-1750 MHz Cavity Bandpass Filter



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AB1687B465

Electrical specifications

- Frequency Range :** 1625-1750 MHz
- Insertion loss:** 1.0 dB max
- Passband ripple:** 0.1 dB max
- Upper stop band rejection 1:** 25 dB min @1900-2050 MHz
- Upper stop band rejection 2:** 30 dB min @2200-2400 MHz
- Ultimate rejection 1:** 60 dB min @3000-6000 MHz
- Ultimate rejection 2:** 60 dB @ DC-1300 MHz
- GPS Band rejection :** 50 dB min @1575+/- 2 MHz
- Group delay variation:** +/- 1 nsec max over any 5 MHz band with passband
- Impedance:** 50 ohm
- Return Loss:** 15 dB Loss
- Average power:** 20 Watts

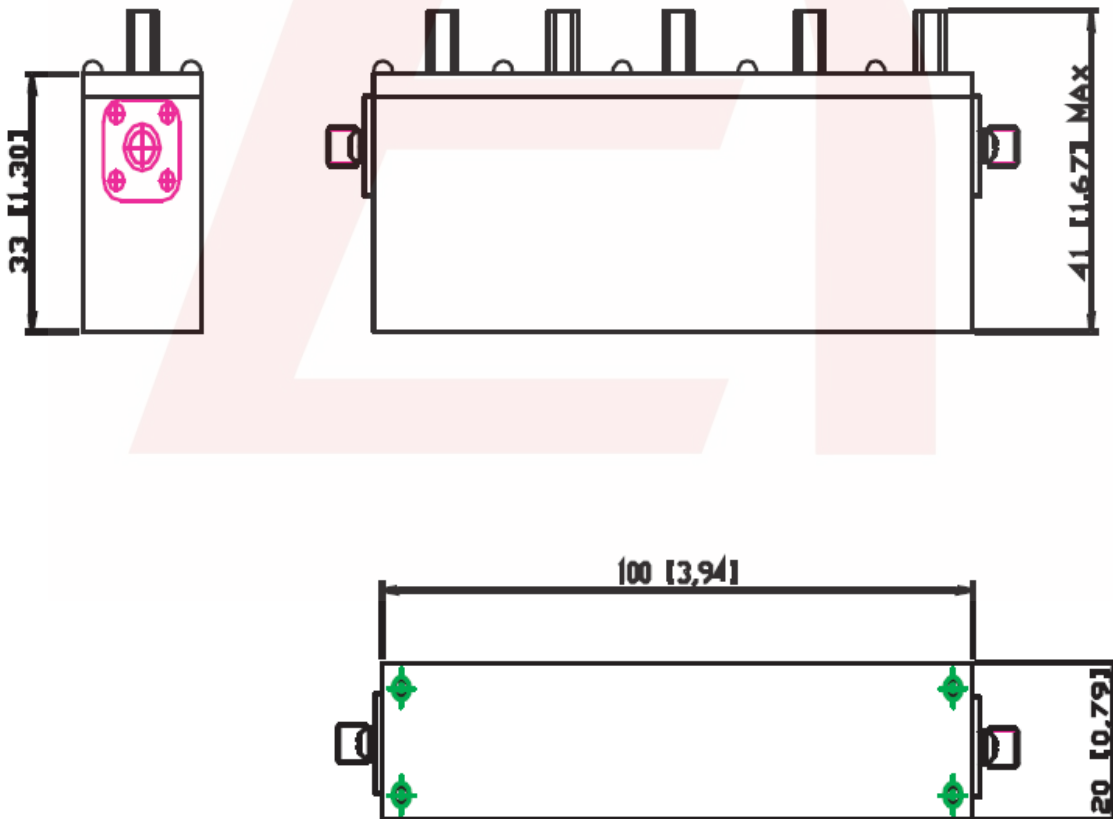
Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** N-Type Female
- Dimensions:** 3.94" X 0.79" X 1.67" in

Environmental

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

Outline Drawing:



All things above are subject to change except for the physical dimensions

DS-B465-03152018-Rev0



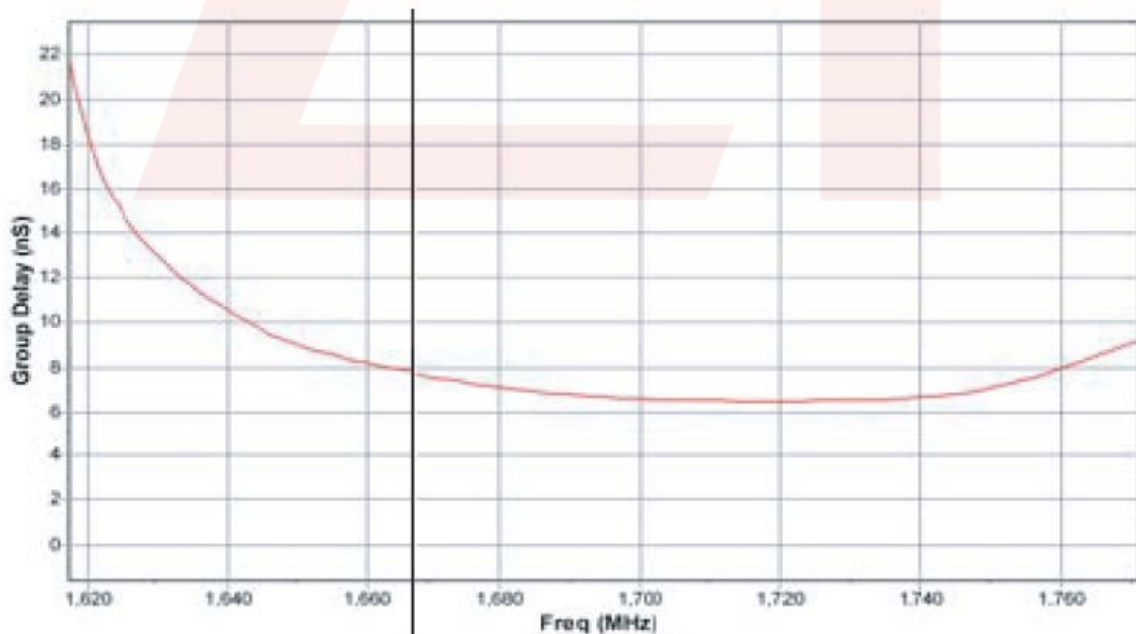
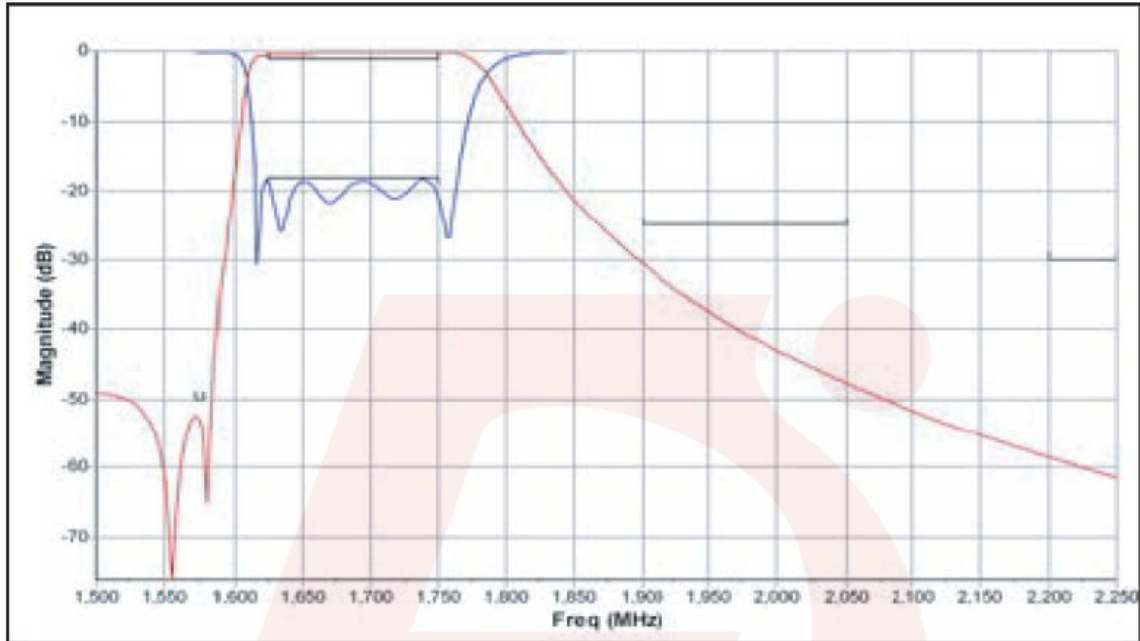
1625-1750 MHz Cavity Bandpass Filter

ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AB1687B465



Plot:



DS-B465-03152018-Rev0