



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

L-Band 1625-1750 MHz Cavity Bandpass Filter

Part Number: AB1687B466



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: 50dB min @1575+/- 2 MHz

Group delay variation: +/- 1 nsec max over any 5 MHz band with passband

Impedance: 50 ohm

VSWR: 1.5:1 max

Average power: 20 Watts

Mechanical

Mounting Method: Threaded Mounting Holes

Connector Type: N-Type Female

Dimensions: 3.54 x 1.67 x 0.8 Inches

Environmental

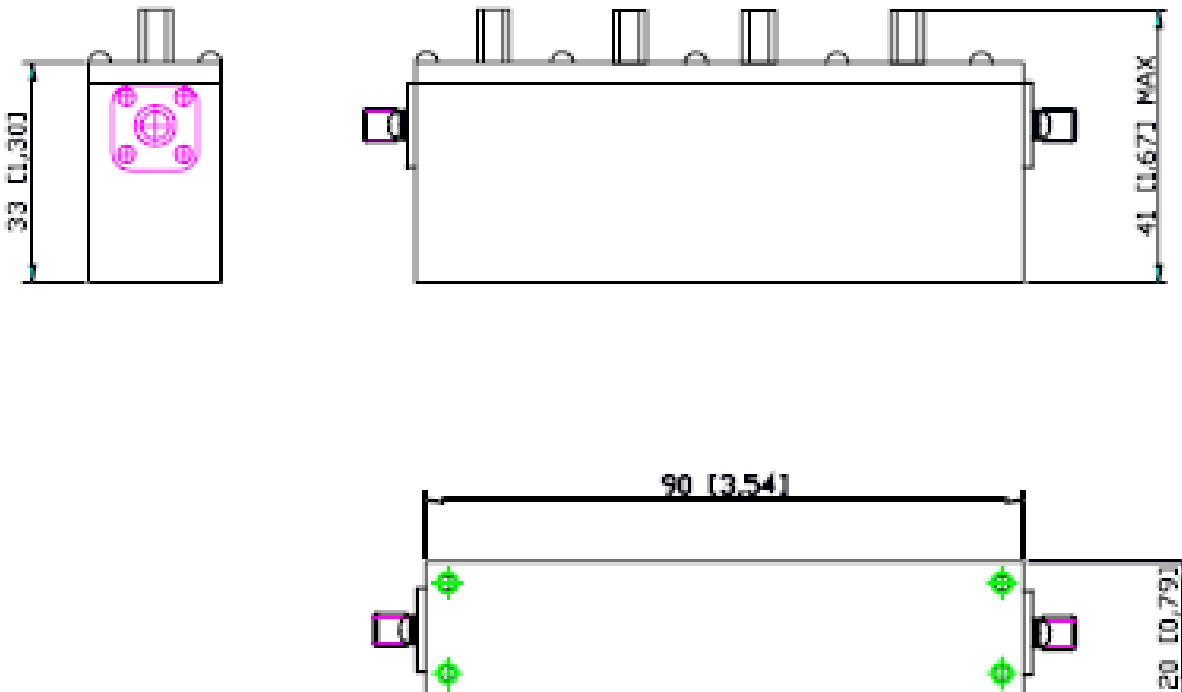
Operating Temperature: -45 to +85° C

Storage Temperature: -55 to +95° C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:



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



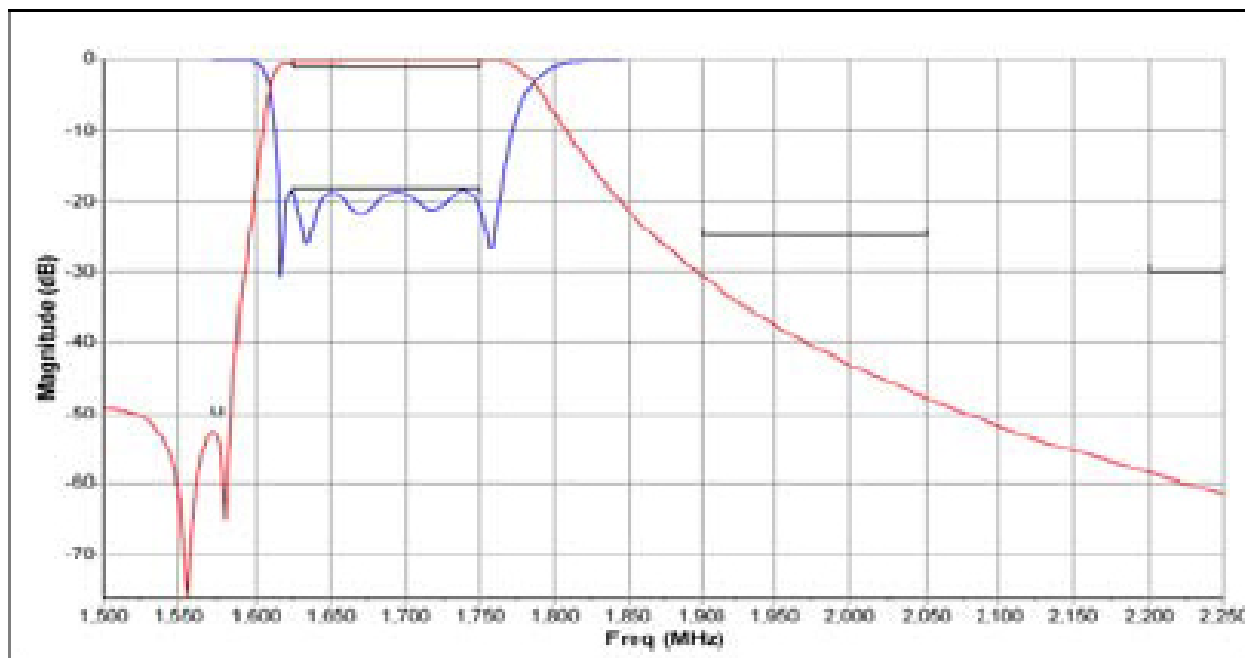
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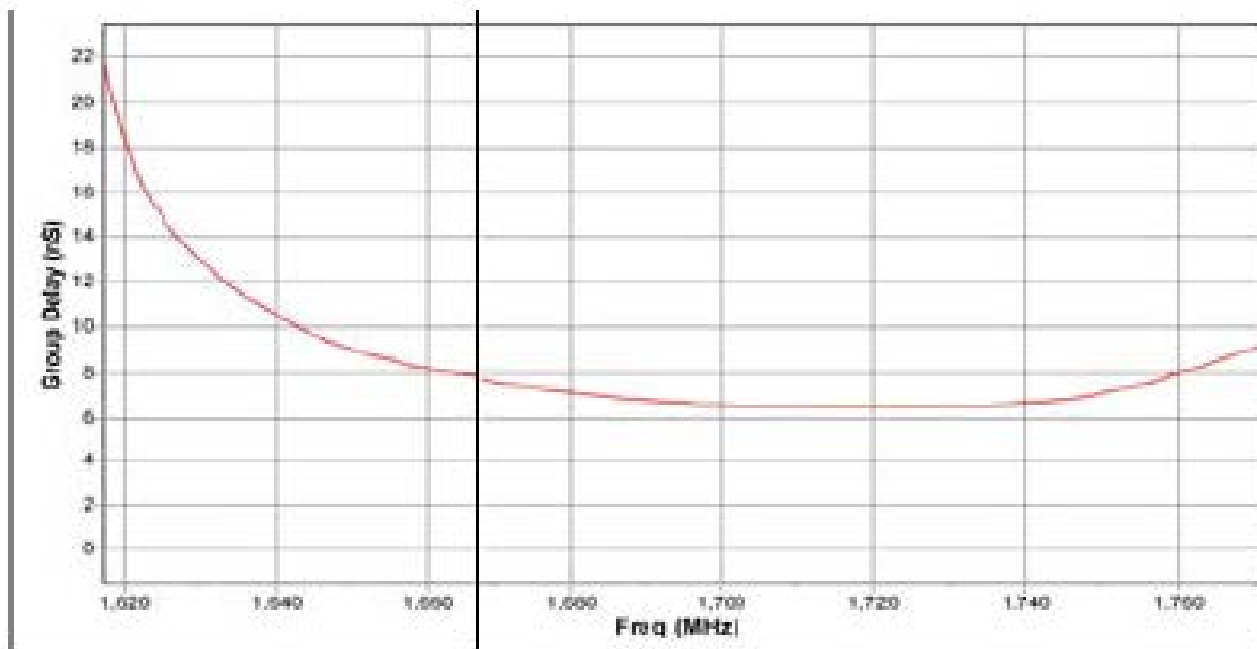
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Plot:



Mag



Group Delay