



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5825 MHz Cavity Band Pass Filter

Part Number: AE5825B1404



Electrical specifications

Center Frequency: 5825 MHz

Bandwidth: 20 MHz

Input / Output Impedance: 50 Ohms

Passband: 5815-5835 MHz

Insertion Loss: 2.0 dB Max at cF

1dB Bandwidth: 5815-5835 MHz

Passband Ripple: <0.2 dB

Passband Return Loss: >14 dB

Rejection: DC-(CF-20)MHz, 40 dBc

Rejection 2: (CF+20)MHz -6200 MHz 40 dBc

Power Handling: 40 W

Group Delay Variation: 200ns over any 0.5 MHz

Mechanical

Mounting Method: Threaded Mounting Holes

Connector Type: TNC Female

Dimensions: 5.40" x 3.86" x 1.26"
(137mm x 98mm x 32mm)

Environmental

Operating Temperature: -30 to +60 deg.C

Storage Temperature: -55 to +95 deg.C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:

