



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

5500 MHz WIFI Cavity Filter

Part Number: AB5500B954



Electrical specifications

Center Frequency: 5500 MHz
Bandwidth: 20 MHz
Input / Output Impedance: 50 Ohms
Passband: 5490-5510 MHz
Passband Insertion Loss: 1.75 dB max
IL Variation: 0.75 dB
Passband Ripple: <0.2 dB
Passband Return Loss: >14 dB
Rejection: DC-(CF-20)MHz 20 dBc min
Rejection 2: (CF+20) MHz -6200 MHz 20 dBc
Power Handling: 25 W
Group Delay Variation: 4 ns over any 0.5 MHz

Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: N-Type Female and Male
Dimensions: 83.4mm x 83.4mm x 34mm

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:

