



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1820 MHz Cavity Bandpass Filter

Part Number: AB1820B818



Electrical specifications

Center Frequency: 1820 MHz

Input / Output Impedance: 50 Ohms

Passband: 1819-1821 MHz

Passband Insertion Loss: <4 dB @ 1819-1821 MHz

Passband Ripple: <0.2 dB

Passband Return Loss: >15 dB

<3 dB 1812-1828 MHz

Rejection: >50 dB @ 0-1795 MHz

Rejection 2: >50 dB @ 1845-6000 MHz

Power Handling: 50 W

Mechanical

Mounting Method: Threaded Mounting Holes

Connector Type: SMA (F)

Dimensions: 4.5" x 1.75" x 1.0"

Environmental

Operating Temperature: -45 to +85 deg.C

Storage Temperature: -55 to +95 deg.C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 200 MHz

Outline Drawing:

