



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

7000-8000 MHz Cavity Bandpass Filter

Part Number: AB7500B1077



Electrical specifications

Passband Frequency: 7000-8000 MHz
Insertion Loss @ Band Edges: ≤ 1.8 dB
Passband Return Loss: ≥ 14 dB
Rejection: ≥ 20 dB@6900MHz
Rejection 2: ≥ 20 dB@8100MHz
Input / Output Impedance: 50 Ohms
Power Handling: 1W(CW)

Mechanical

Connector Type: SMA (F)
Dimensions: 6.37 x .65 x .63 inches
Surface Finish: Black

Environmental

Operating Temperature: -45 to +85 deg.C
Storage temperature: -65 to +95 deg.C
Shock: 20 G's, 1/2 sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%

Outline Drawing:

