



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 3000-4000 MHz Cavity Bandpass Filter

**Part Number: AB3500B1074**



## Electrical specifications

**Passband Frequency:** 3000-4000 MHz  
**Insertion Loss @ Band Edges:** ≤1.2dB  
**Passband Return Loss:** ≥12dB  
**Rejection:** ≥20dB@2900MHz  
**Rejection 2:** ≥20dB@4100MHz  
**Input / Output Impedance:** 50 Ohms  
**Power Handling:** 1W(CW)

## Mechanical

**Connector Type:** SMA (F)  
**Dimensions:** 5.24 x .91 x .85 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:

