



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

# 10250 MHz Cavity Bandpass Filter

**Part Number: AB10250B1083-S**



## Electrical specifications

**Center Frequency:** 10250 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 9900-10600MHz  
**Passband Insertion Loss:** ≤2.0dB  
**Passband Return Loss:** ≥15dB  
**Rejection:** ≥40dB@9500MHz  
**Rejection 2:** ≥40dB@11000MHz

## Mechanical

**Connector Type:** SMA Female  
**Dimensions:** 2.47 x .57 x .45 inches

## Environmental

**Operating Temperature:** -45 to +85 deg.C  
**Storage temperature:** -65 to +95 deg.C  
**Shock:** 20 G's, ½ sine, 11ms  
**Vibration:** 10 G's, 10-2000Hz  
**Relative Humidity:** 0-95%

## Outline Drawing:

