



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

# 4500 MHz Cavity Bandpass Filter

Part Number: AB4500B1054



## Electrical specifications

**Passband:** 4000-5000MHz  
**Passband Insertion Loss:**  $\leq 1.0$ dB  
**VSWR:**  $\leq 1.6$   
**Rejection:**  $\geq 60$ dB@3800MHz  
**Rejection 2:**  $\geq 60$ dB@5200MHz  
**Power Handling:** 50W(CW)  
**Input / Output Impedance:** 50 Ohms

## Mechanical

**Connector Type:** N-Female/N-Male  
**Dimensions:** 4.26 x 3.39 x .91 inches

## Environmental

**Operating Temperature:** -40 to +85 deg.C  
**Storage Temperature:** -55 to +95 deg.C  
**Shock:** 20 G's,  $\frac{1}{2}$  sine, 11ms  
**Vibration:** 20 G. 10 to 2000 Hz  
**Relative Humidity:** 0-95%

## Outline Drawing:

