



**Electrical Specifications**

**Center Frequency:** 950.5 MHz  
**Bandwidth:** 4 MHz(946.3-950.3 MHz)  
**Insertion Loss:** <4dB (3.0 dB typical)  
**Passband Return Loss:** 18dB  
**Passband Ripple:** <0.2dB  
**Rejection:** ≥40dB @ 940.5-945.5 MHz (45dB typical)  
**Power Handling:** 20 W CW, 200 W peak  
**Input / Output Impedance:** 50 Ohms

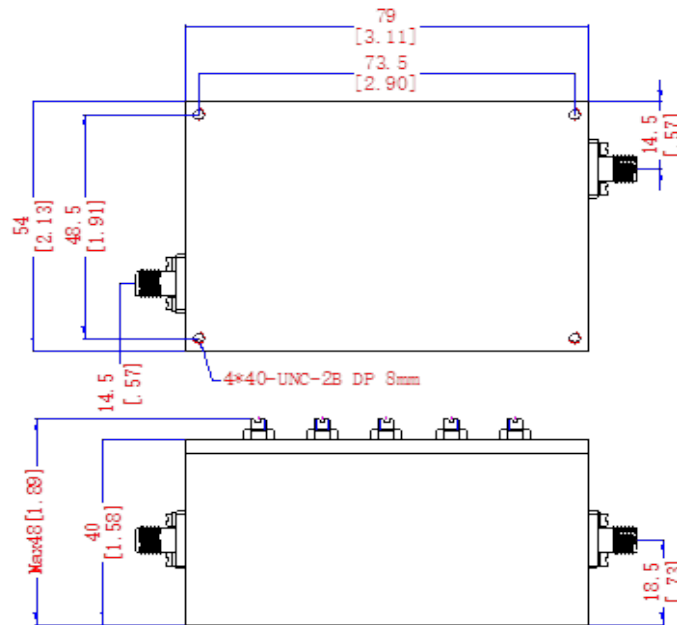
**Mechanical**

**Mounting Method:** 4-40 UNC Threaded Holes  
**Connector Type:** N-Type(F)  
**Dimensions:** 79 x 54 x 40 mm

**Environmental**

**Operating Temperature:** 0°C to +50°C  
**Storage Temperature:** -55°C to +85°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200Hz

**Outline Drawing:**





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

# 950.5 MHz Cavity Bandpass Filter

**Part Number: AE950B11600**



## Simulation Plot:

