



# 4940 MHz Cavity Bandpass Filter

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

**Part Number: AB4940B525**



## Electrical specifications

**Center frequency (Fc):** 4940 MHz  
**Pass bandwidth (BW):** Fc+/-60(4880-5000 MHz)  
**Insertion loss @BW:** 0.8 dB  
**Ripple @BW:** +/-0.1 dB  
**VSWR:@BW:** 1.3:1  
**3dB BW:** >4830-5050 MHz  
**80 dB BW:** =/<4780-5100 MHz  
**Rejection at 2Fc:** =/>80 dB  
**Power:** 100 W CW

## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** SMA Female  
**Dimensions:** 6.53" X 2.19" X 0.70" in

## Environmental

**Operating Temperature:** -45 to +85° C  
**Storage Temperature:** -55 to +95° C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 MHz

## Outline Drawing:

