



# 4300 MHz Cavity Bandstop/Notch Filter

## Part Number: AE4300NS2146



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

### Electrical specifications

- Notch Center Frequency: 4300 MHz
- Notch Bandwidth: 40 MHz
- Notch frequency band: 4280-4320 MHz
- Notch Rejection: 40 dB Min
- Low side passband: 2000-4150 MHz
- High side passband: 4450-8000 MHz
- Ins. Loss@ Low side passband: <1.5 dB
- Ins. Loss@ High side passband: <1.5 dB
- VSWR @ Low side passband: 2:1 max
- VSWR @ High side passband: 2:1 max
- Input / Output Impedance: 50 Ohms
- Power Handling: 10 Watts

### Mechanical

- Connector Type: TNC (F)
- Mounting: 4-40 Threaded holes
- Dimensions: 2.25" X 0.95" X 1.05"

Note: 1.05" Height includes tuning screws

### Environmental

- Operating Temperature: -45 to +70 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:

