



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:

