



18000 MHz Waveguide Bandpass Filter

Part Number: AE18000WB11562



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Electrical Specifications

Center Frequency: 18GHz
3 dB Bandwidth: $\approx 66\text{MHz}$ (17.967~18.033GHz)
Insertion Loss at Center Frequency:
 $\leq 3.0\text{dB}$ @ 18GHz
VSWR @ 46MHz Bandwidth:
 $\leq 1.5:1$ @ 17.977~18.023GHz
Stop Band Rejection:
 $\geq 35\text{dB}$ @ 125MHz Bandwidth
(17.9375GHz, 18.0625GHz)
Impedance: 50 Ohms
Power Handling: $\leq 50\text{W}$

Mechanical

Mounting Method: Through Holes
Connector Type: N-Female
Dimensions: 127 x 22 x 18.5 mm

Environmental

Operating Temperature: -45°C to $+85^{\circ}\text{C}$
Storage Temperature: -55°C to $+95^{\circ}\text{C}$
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:

