



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

7925 MHz Waveguide Bandpass Filter

Part Number: AE7925WB11541



Electrical Specifications

Center Frequency: 7925 MHz
Pass Band Bandwidth: ± 25 MHz (7900-7950 MHz)
Insertion Loss: ≤ 1.2 dB @ 8303 ~ 8331 MHz
Pass Band VSWR: $\leq 1.3:1$ @ 7900 ~ 7950 MHz
Stop Band Rejection:
 ≥ 70 dB @ $F_0 \pm 450$ MHz (7475 MHz, 8375 MHz)
Impedance: 50 Ohms
Power Handling: 10 W

Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: SMA Female
Dimensions: 118 x 37 x 19 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:

