

# WR8 Bandpass Filter 110.5-123.5 GHz



## TECHNICAL SPECIFICATIONS

- **Frequency Range**  
110.5–123.5 GHz (WR8 waveguide standard)
- **Insertion Loss**  
<3 dB across passband
- **Out-of-Band Rejection**  
>20 dB
- **VSWR**  
Optimized for minimal return loss
- **Form Factor**  
Compact waveguide housing with standard WR8 flanges
- **Manufacturer**  
AT Microwave

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## APPLICATIONS

5G/6G & Telecommunications: F-band infrastructure and point-to-point links requiring robust filtering to maintain link quality

Radar Systems: Millimeter-wave radar applications benefit from precise passband definition and interference suppression

SATCOM: Satellite communication systems utilizing F-band frequencies

Test & Measurement: Network analyzers, spectrum monitoring systems, and laboratory instruments for signal characterization

Defense & Aerospace: Systems requiring certified components with repeatable RF performance