

# Waveguide Attenuator up to 500 GHz



## TECHNICAL SPECIFICATIONS

- **Frequency Range**  
Up to 500 GHz
- **Waveguide Sizes**  
WR15, WR12, WR10, WR8, WR6, WR5, WR4, WR3, WR2.8, WR2.2
- **Attenuation Range**  
0–30 dB
- **Control Method**  
Manual level setting
- **Form Factor**  
Compact and lightweight design
- **Performance**  
Repeatable attenuation across operational bandwidth

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## APPLICATIONS

Test and Measurement:  
Maintaining stable RF levels  
during laboratory  
characterization and field  
validation of mmWave systems

Radar Systems: Calibrating  
receiver sensitivity and  
optimizing detection  
performance through controlled  
signal attenuation

5G/6G & Telecom Infrastructure:  
Signal conditioning in millimeter-  
wave communication networks  
and satellite systems

Defense and SATCOM: Precise  
gain management in high-  
reliability communication and  
sensing systems