

WR10 Power Amplifier 78-94 GHz



TECHNICAL SPECIFICATIONS

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| <ul style="list-style-type: none"> • Frequency Range
78-94 GHz (W-Band) • Small Signal Gain
14 dB • Housing Material
Copper with gold plating • Power Supply
Single +5V DC with integrated fixed gate supply | <ul style="list-style-type: none"> • Output Power (Psat)
+26 dBm saturated • Waveguide Interface
WR-10 • Weight
221 g (excluding heatsink) • Return Loss
Low input and output VSWR characteristics |
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APPLICATIONS

Radar Systems: High-power signal generation for advanced radar architectures and FOD detection

Telecommunications: Point-to-point communication systems and RF over Fiber (RoF) transmission

Test & Measurement: Precision instrumentation requiring stable W-Band amplification

Imaging & Sensing: mmWave sensor platforms and imaging applications