

WR12 Low Noise Amplifier 60-90 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
60-90 GHz (full E-Band coverage)
- **Gain**
60 dB (alternative gain configurations available upon request)
- **Noise Figure**
5 dB typical
- **Output Power (PSAT)**
+17 dBm typical
- **Waveguide Standard**
WR12

APPLICATIONS

E-Band Communications: Point-to-point communication links and backhaul systems requiring low-noise amplification

Test & Measurement: RF test equipment requiring broadband mmWave signal amplification

Radio-over-Fiber Systems: Distributed antenna architectures for advanced telecommunications

Radar & Sensing: Detection systems operating in the 60-90 GHz band

6G Research: Prototype development platforms for next-generation wireless technologies