

WR6 Low Noise Amplifier up to 170 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
110–170 GHz (D-Band)
- **Gain Options**
18 dB or 33 dB configurations
- **Power Supply**
+220V AC/DC adapter included
- **Waveguide Interface**
Standard WR6 connectors
- **Waveguide Standard**
WR6
- **Noise Figure**
6 dB
- **Format**
LCBT (Low Cost, Compact Bench-Top) with integrated power conditioning

APPLICATIONS

5G/6G Research: Development and prototype evaluation of millimeter-wave communication systems

SATCOM: Ground station testing and satellite communication subsystem validation

Defense & Aerospace: RF subsystem characterization and radar testing

Research & Development: Material science, imaging experiments, and academic laboratory setups requiring D-Band coherent sources