



20GHZ MICROWAVE AMPLIFIER



Description

The wideband **GB20000** provides a compact and affordable way to amplify signals from 5-20GHz for a variety of high-frequency and Ku-band applications. Micro-USB power and control makes this device much faster to integrate, and more flexible than traditional lab-powered devices.

Ku-Band Amplifier Features:

- Frequency Range: **5 – 20GHz**
- Amplifier Gain: **20dB typical**
- p1dB: **+21dBm**
- IP3: 28dBm
- Noise Figure: 7.5dB
- Connectors: Premium Microwave SMA
- Return Loss: 10dB typical
- Micro USB 5v power input

GB20000 Applications

- Automated testing environments
- Satellite signal amplification
- Production verification
- Educational / university lab use
- Aerospace / defense research
- Wireless infrastructure
- Antenna research
- Communication link design

