

mmWave Beamformer & Converter up to 45 GHz

TECHNICAL SPECIFICATIONS

- **BBox One**
16-channel beamformer platform for advanced phased array applications
- **BBox Lite**
4-channel compact beamforming solution for space-constrained deployments
- **UD Box**
Wideband up/down converter module covering RF 24-44 GHz with IF range 0.01-14 GHz
- **Phase Locked Oscillators**
Available up to 45 GHz in three frequency bands, offered as SMT modules, evaluation boards, and connectorized units
- **Microwave Components**
Bandpass filters, baluns, bias tees, and DC blocks for RF/mmWave signal conditioning

APPLICATIONS

5G/6G Infrastructure: Base station equipment and mmWave module verification through over-the-air (OTA) testing platforms

SATCOM: Satellite communication systems requiring phased array beamforming solutions

Defense & Security: Advanced mmWave sensing and communication technologies

Research & Development: Production-grade mmWave engineering toolkits for technology companies and academic institutions