



DC - 325 GHz · MICROWAVE ASSEMBLIES ·  
WAVEGUIDE · SATCOM · DEFENSE · CUSTOM

HengDa Microwave is a leading supplier of microwave assemblies and systems. ISO 9001 certified. bq-microwave is authorised distributor for Europe.



## Product Portfolio

### Microwave Assemblies

DC - 325 GHz

Complete microwave assemblies for SATCOM and defence platforms.

### Waveguide Components

DC - 325 GHz

Waveguide solutions for satellite ground stations.

### Antennas

DC - 325 GHz

Horn antennas and precision antenna systems.

### SATCOM Systems

KA/KU-BAND

Complete SATCOM subsystems for fixed and mobile applications.

### Custom Solutions

ON REQUEST

Tailored designs for defence and aerospace programmes.

## Strengths at a glance

### 23 Years of Experience

Established in Xi'an with production and R&D facilities in Shaanxi (17,000 m<sup>2</sup>) and Jiangsu (10,000 m<sup>2</sup>) — proven manufacturer for over two decades.

### Measurement Capability to 110 GHz

In-house test capability covering frequencies to 110 GHz — antenna measurement systems, microwave test equipment and antenna-feed servo platforms built internally.

### ISO 9001 + RoHS

Certified quality processes with TQM and SOP frameworks — RoHS-compliant and deployed in numerous international defence and SATCOM programmes.

### Complete Antenna Systems

Microwave and millimetre-wave antennas — standard gain horns, high-precision systems and bespoke designs.

### Full Waveguide Portfolio

Comprehensive waveguide programme: switches, bends, adapters, filters and more — covering standard bands through sub-mmWave.

### SATCOM Specialist

Core market SATCOM with long-standing track record — ground stations, mobile terminals and tailored subsystems.

## Industries & Use Cases

### SATCOM

Ground station equipment, mobile terminals and bespoke SATCOM subsystems in Ka-, Ku- and X-Band.

### Defence

High-reliability microwave assemblies, antennas and subsystems for defence programmes worldwide.

### Aerospace

Components for airborne platforms and avionics with enhanced vibration and temperature requirements.

### Navigation

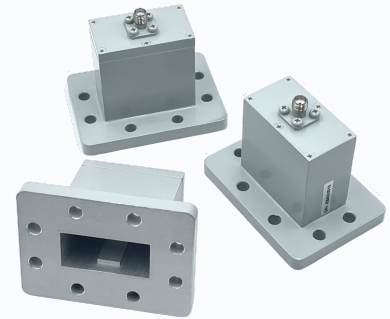
Microwave components for navigation systems, GPS and GNSS applications.

### Antenna Measurement

Complete antenna measurement systems to 110 GHz for R&D and production test.

### Custom Subsystems

Tailored microwave assemblies and integrated subsystems to customer specification.



### Available through bq-microwave

bq-microwave is the authorized European distributor for Hengda Microwave. Fast procurement, short lead times and personal technical consultation.

Contact: +49 (0) 151 25290128 · [info@bq-microwave.de](mailto:info@bq-microwave.de) · [www.bq-microwave.de](http://www.bq-microwave.de)