

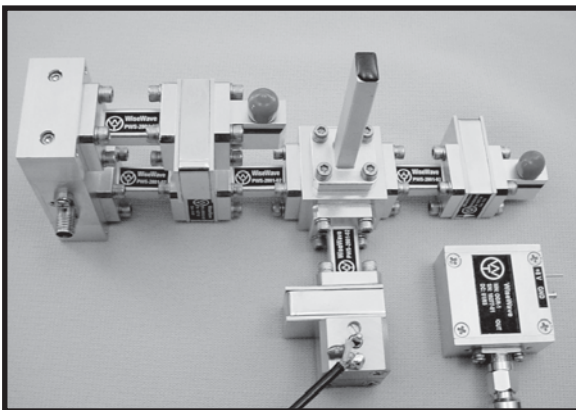
FEATURES

- ❖ Custom designed
- ❖ Integrated module or bolt together solution
- ❖ High performance
- ❖ Quick delivery
- ❖ Cost effective

APPLICATIONS

- ❖ Radar
- ❖ Sensors
- ❖ Modules
- ❖ Test set

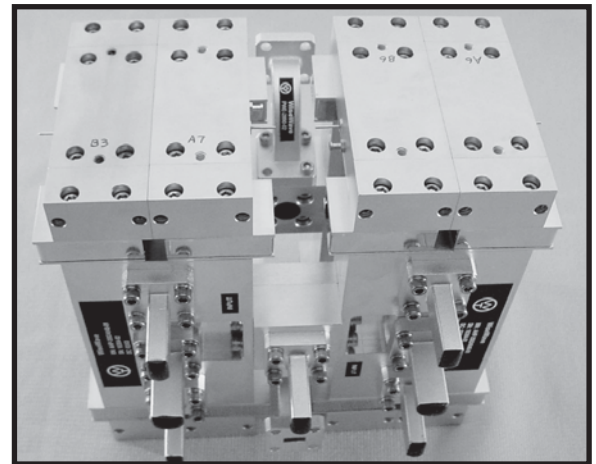
DESCRIPTION



**30 GHz Plasma Detection
Sensor Assembly**

Ducommun understands customers' needs. Ducommun not only supplies the standard and custom made components and modules, but also understands the importance of providing engineering design and service to its customers.

Ducommun's self-contained, in-house components design and fabrication capacities ensured the breath of sub-assemblies offer from rapid prototyping and proof of concept to full production. Ducommun has produced many high performance millimeterwave band sub-assemblies for specific commercial and military system applications.



35 GHz 10 W PA Assembly

Among them, the K and Ka band directional Doppler Radar front ends are in production. More than one thousand sets have been delivered. In addition, Ducommun has delivered Ka through W band engineering prototypes for plasma detection system, automotive Radar, speed Radar, automatic test set, Radio Telescope, Missile terminal guidance, telecommunication system, etc. applications.

Ducommun is approved to be a company who can not only supply high performance catalog products, but also realize a concept into the hardware with state-of-the-art performance prototypes and cost effective volume production.



**K and Ka Band Doppler
Sensor Assemblies**