



The Waveguide Solution  
a global **invacom** company



Australian Representatives

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# SNG and Uplink Components

## WE SUPPLY:

Custom designed switching networks, incorporating back-ups and redundancy systems

Standard and custom waveguide runs, incorporating both rigid and flexible

High medium and low power loads to your requirement

Couplers, both cross-guide and directional

Pressure windows



## WE CAN OFFER:

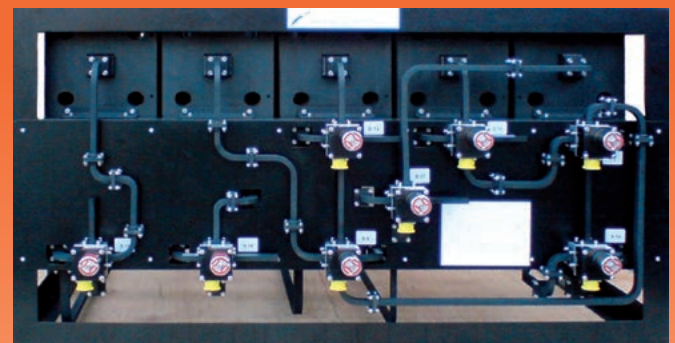
Full design services, from amplifiers right through to antennas

On site-services, both at the measuring up stage through to final fitting

Hangers, fixings, o rings and ancillaries

Full electrical testing, all runs and combinations

Free Standing, rack-mount or wall-mount combinations

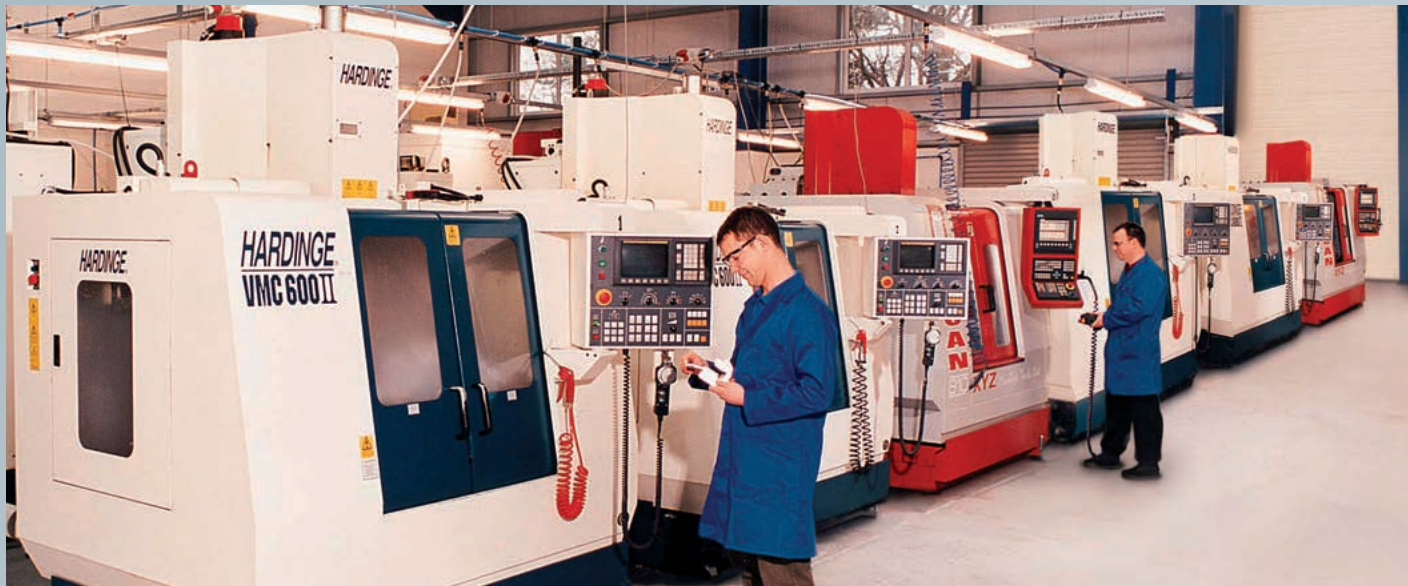


**TWS has a commitment to quality, and all our items are backed up by a full 12 month in-service guarantee.**

We offer a full consultation service during design, we can supply 3D cad models of the waveguide inputs/outputs, and we can offer both calculated and measured performance figures over your frequency bands.

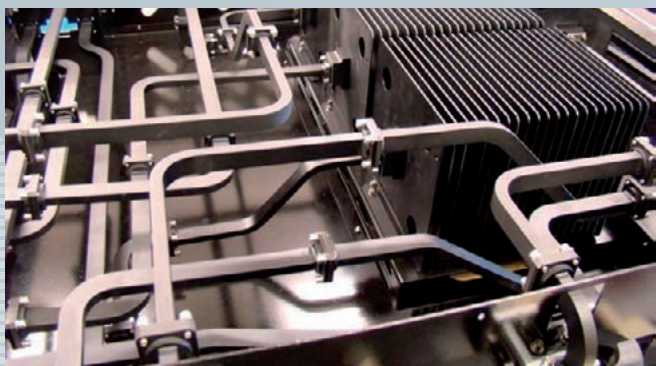
As a standard part of our service we can offer full pressure testing for the completed network, and we can supply the necessary couplers and coaxial adaptors for you to perform your own testing and ongoing performance measurements in the field. We can offer the runs to the antenna, including flexible and rotating sections, and the hangers needed to secure these waveguides to your structure.

**The Waveguide Solution, a waveguide and passive RF component supplier with a 60 year heritage, is now offering a full integrated service for the manufacturers of SNG vehicles and Satellite Uplink operators.**



## FULL SERVICE

TWS has a unique set of capabilities in-house, with full control from RF design, through mechanical design, manufacture, and assembly and full electrical performance testing. With these and our extensive machining and fabrication facilities in-house, we can offer complete switching networks to a single waveguide on a fast lead time at the most competitive price.

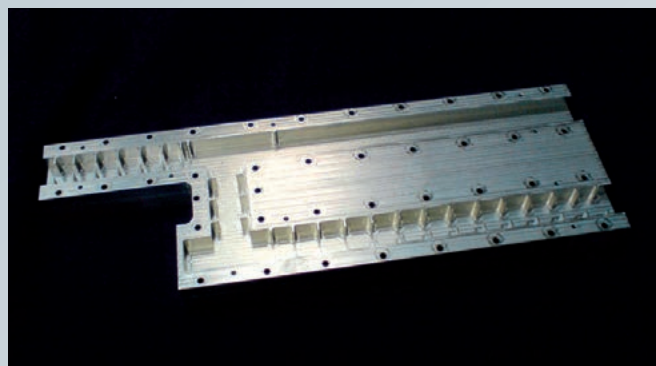


## SWITCHING NETWORKS

TWS has can project manage your switching network needs to any degree required – from simple manufacturing services to the design and supply of ready-to-run networks with backups and redundancy systems to fit into racking systems, wall/ceiling-mounted or free standing.

## COUPLERS, FILTERS AND COMBINERS

TWS has a full range of couplers, filters and combiners optimised for all common Satcom bands, and we have the facilities to react quickly where more customised parts are needed.



## FREQUENCY OPTIMISATION

Thanks to our vast experience and complete production control, we can offer all parts tailored to your exact requirements – be it size, material, finish or frequency band, to ensure you get the best product and the smoothest integration possible.

To discuss more on these items please contact our sales team, who will be happy to discuss your requirements and offer any advice requested.

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