

Rotary Joints



A1 Microwave Waveguide Division manufactures many styles of Rotary Joints to customer specifications.

Single channel
Dual channel
Boronski
Sealed

L-Style X-Band Rotary Joint

A high performance L-Style rotating joint designed to meet the requirements of the X-band marine and airport surface movement radar applications



Twin Channel X-Band Rotary Joint

A high performance twin channel rotating joint designed to meet the requirements of the X-band marine and airport surface movement radar applications. This joint has X-band waveguide through the centre.



S-Band Waveguide Rotary Joint

A high performance hollow shaft style rotating joint designed to meet the requirements of the S-band marine radar application which allows multi-channel operation by allowing an X-band channel plus cables etc up the central axis.



X-Band Satcoms Waveguide Rotary Joint

A high performance airborne X-band satcoms transmitter L-Style rotating joint

A1 Microwave, Waveguide Division
Precision waveguide components. Build to print manufacturing

A1 Microwave

Web: <http://www.A1Microwave.com>

Email: sales@A1Microwave.com



where design meets manufacturing

A1 Microwave, is internationally recognised for innovative design and manufacturing procedures.

The Company acquired JMD Technologies in 2010 which had an established credibility in Precision Waveguide Component and Sub-Assembly production - WG 6 (WR 650) to WG 22 (WR 28), and has been manufacturing since 1990.

We supply specialist, non-standard items to the Defence, Aerospace, Marine, Satellite Communications, Commercial and High Power segments of the Markets.

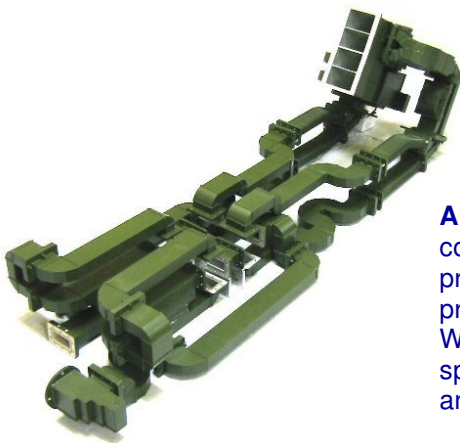
Our Expertise covers 'Build to Print' from customers drawings through Design, Manufacture & Test up to 50 GHz.

Our Designs are appropriate to the clients individual specification.

Production is in a tightly controlled environment, utilising the latest CNC Milling and Turning facilities, Bending, Brazing and Assembly.

A1 Microwave have invested in our Quality Control Systems, equipment and procedures so as to meet the most rigorous of customer requirements, as part of this process we operate an ISO 9001:2000 Certified QA system.

We are always pleased to advise on and discuss your requirements.

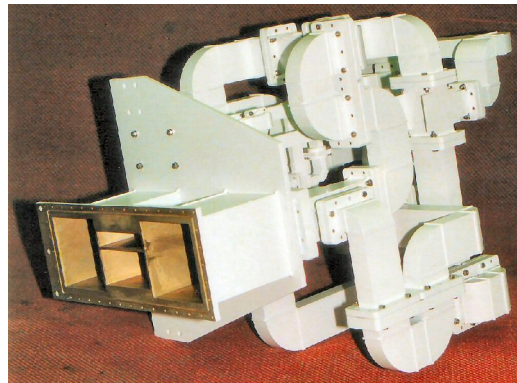


Using the latest in CNC Machines, of which the majority have four axis capability, **A1 Microwave's Waveguide Division** possesses a sophisticated and flexible facility, which is able to address the most complex, high tolerance components, manufactured to the finest tolerances.

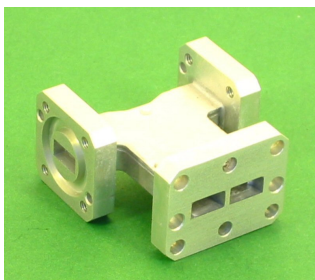
A1 Microwave Ltd is a forward looking company with an active development programme and proven track record in product excellence. We are committed to producing a specific response to your requirements and look forward to hearing from you.



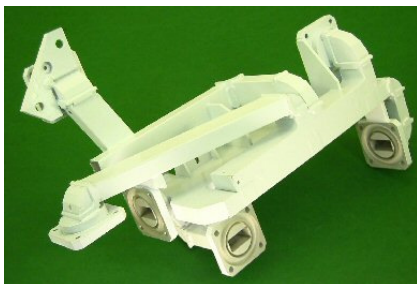
Our expertise includes brazing of Aluminium and Copper based Alloys, which allow complex components and sub-assemblies to be produced to exceptionally high standards.



Our Brazing department has been established to meet BS1723 and MIL-B-7883 standards, thereby allowing the most demanding requirements to be fulfilled.



Our CNC milling and Turning facilities Are capable of producing complex, high tolerance components which when combined with our precision Waveguide Bending capability offer a versatile and sophisticated manufacturing facility.



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Precision waveguide components. Build to print manufacturing