

A1 Microwave

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A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

A1 Microwave also provides standard and custom waveguide components and assemblies including : straights, bends, twists and flexibles.

A1 Microwave is ITAR free and provides a **Fast delivery and No NRE** (on standard designs) by using sophisticated in-house design and simulation software, all new **designs are "right first time"** allowing the design to move from the design computer to the machine shop without the need for prototyping. **Stock filters available for immediate despatch.**

A1 Microwave has full in house CNC machining, turning, brazing, hard and soft soldering and bending facilities.



Ordering information :- Model number **PB1093WA** X-band Satcoms TX WG 15 to 14 Adaptor

Designed for X band satcoms transmitter applications for connecting WG 14 and WG 15 waveguide runs.

Passband 7.9 to 8.4 GHz

Passband return loss 30 dB min

Overall length 290 mm nominal

Flanges PBR 84 + CPR 137G (alternatives flanges available)

