

# 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 **PB1215WT** Waveguide WG15, R84, WR112 transition

Designed to cover either full band OR both the X band receive and transmit bands. Please specify on order.

Full band tuning 6.6 to 10.0 GHz

Passband return loss 20 dB typical

X band RX + TX tuning 7.25 to 8.4 GHz

Passband return loss 28 dB typical

Flanges UBR84 (alternatives available)

