

# 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 **PB1119WB** WG23 / R400 / WR22 'No-tuners' bandpass Filter

Designed to suppress broad band noise and local oscillator leakage.

Passband 39.6 to 48.4 GHz

Passband insertion loss 0.25 dB max

Passband return loss 20 dB min

Rejection: at 36.5 GHz 45 dB min

at 51 GHz 10 dB min

Flanges UG383 (alternatives available)

