

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 **PB1443WB** Ku-band Satcoms Transmit Filter

Designed for Ku band satcoms transmitter applications for suppression of local oscillator leakage from the up-converter.

Passband 14.0 to 14.5 GHz

Passband insertion loss 0.1 dB typical

Passband return loss 20 dB min

Passband group delay variation 0.2 nS typical

Rejection : at 13.05 GHz 45 dB min

Overall length 73 mm nominal

Weight 155 g

Flanges PBR & CBR 120 (alternatives available)

