

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 **PB1173WL** Ku-band Satcom TX Harmonic Reject Filter

Designed for Ku-band satcoms transmitter applications for suppressing unwanted transmitter harmonics.

Passband	10.95 to 12.75 GHz
Passband insertion loss	0.05 dB typical
Passband return loss	25 dB min
Rejection: 2nd harmonic	50 dB min
Overall length	85 mm nominal
Flanges	PBR 120 (alternative flanges available)

