

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 **PB1091WA** Ku-band Triple receive Filter

Designed for Ku band satcoms downconverter applications for suppression of local oscillator leakage from the mixers.

Passbands 10.95 to 11.7, 11.7 to 12.25 and 12.25 to 12.75 GHz

Passband insertion loss 0.3 dB typical

Return loss 20 dB min

Rejection of 70 dB from DC to 10, 10.75 and 11.3 GHz respectively

Dimensions 160 x 60 x 16 mm nominal

Connectors SMA female (alternatives available)

