

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 **PB1335WB** Ku-band Satcom receive radar reject filter

Designed for Ku band satcoms to protect receivers from unwanted interference from radars.

Passband	11.3 to 11.7 GHz
Passband insertion loss	0.2 dB max
Passband return loss	20 dB min
Passband group delay variation	0.8 ns typical
Rejection: from DC to 10.9 GHz	40 dB min
Overall length	130 mm nominal,
Flanges	UBR 120 & PBR 120 (alternative flanges available)

