

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 **PB1059WA** Ku-band Satcoms Radar Reject Filter

Designed for Ku band satcoms receiver applications for suppressing radar interference.

Passband		10.95 to 13.75 GHz
Passband insertion loss		0.3 dB max
Rejection :	from DC to 9.5 GHz	75 dB min
	from 9.5 to 10.45 GHz	30 dB min

Overall length	155 mm nominal
Flanges	UBR 120 (alternatives available)

