

A1 Microwave

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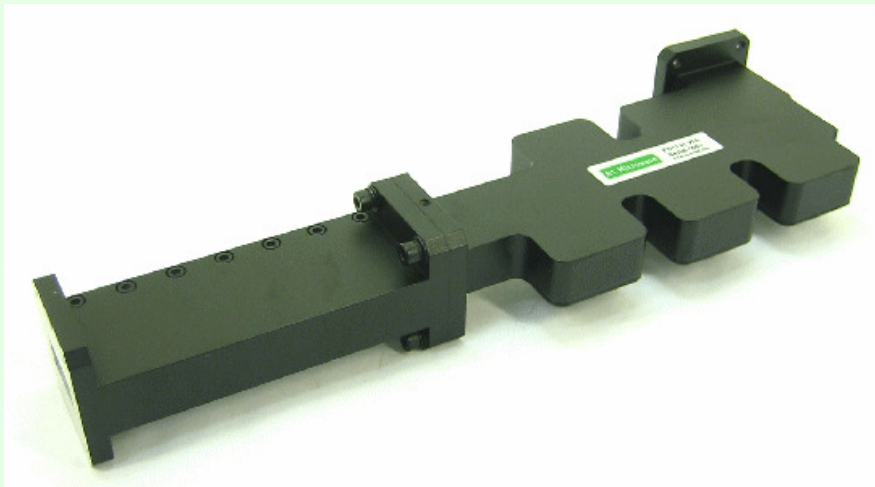


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1751WA** 9 GHz Radar Filter

Designed for radar applications for suppression of spurious signals and harmonics.

Passband	9.345 to 9.45 GHz
Passband Insertion Loss	0.4 dB typical, 0.5 dB max
Passband Return Loss	20 dB min
Passband power handling	30 kW Peak 1uS pulse at sea level

Rejection :	from 6 to 9 GHz	60 dB min
	from 10 to 20 GHz	60 dB min

Overall Length	280 mm
Flanges	UBR100

(see web site for alternative connectors, flanges and paint codes)

