

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 **PB1575WL-UB/UB-B**

Passband	9.32 to 9.5 GHz
Passband insertion loss	0.1 dB typical
Passband return loss	30 dB typical
Peak power handling	30 kW, 1uS pulse duration, 0.1% duty
Rejection:	from 18 to 19 GHz 80 dB typical
Overall length	60 mm
Connectors	UBR 100 (see web site for alternative flanges and paint codes)
Construction	Brazed aluminium
Weight	76 grams

