

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 **PB1475WB** 24 GHz Radar Filter

Designed for radar applications for suppression of local oscillator leakage from the mixer.

Passband	23.6 to 24 GHz
Passband Insertion Loss	1.5 dB typical
Passband Return Loss	16 dB min
Rejection :	
from 15 to 22.7 GHz	90 dB min
from 25 to 29 GHz	90 dB min
from 29 to 35 GHz	40 dB min

Overall Length 150mm

Connectors SMA female

