

# 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 **PB1801WB Ka-band Satcoms Transmitter Filter**

Designed for K-band Satcoms Transmitter applications for suppressing Local Oscillator and receive band signals

Passband	25.5 to 27 GHz
Passband insertion loss	0.6 dB typical
Passband return loss	18 dB min
Rejection: from DC to 23.9 GHz	70 dB min
Overall length	93 mm excluding connectors
Connectors	K type male and K type female

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

