

# A1 Microwave

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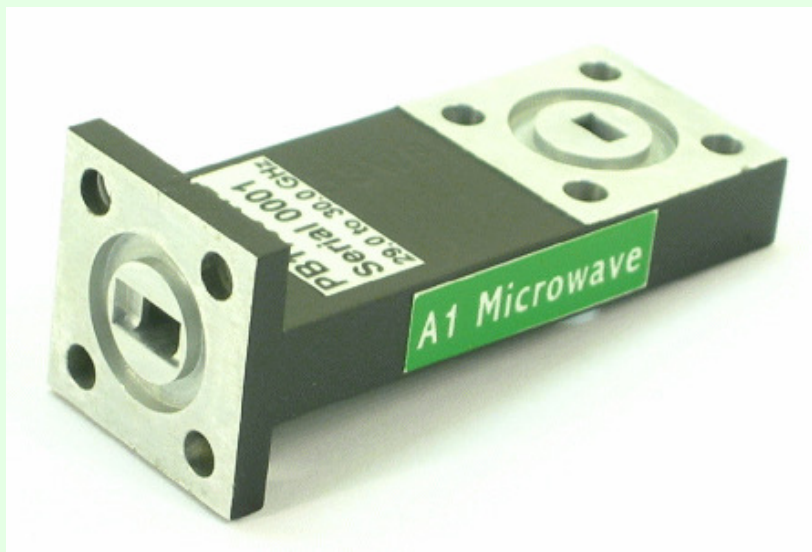


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1753WB Ka-band Satcoms Transmitter Filter**

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

Passband 29 to 30 GHz

Passband insertion loss 0.9 dB typical

Passband return loss 15 dB min

Rejection: from DC to 28 GHz 70 dB min

Overall length 50 mm

Flanges PBR 320

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

