

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 **PB1111WH** K-band Satcoms transmit Filter

Designed for K band satcoms transmitter applications for suppressing receive band signals.

Passband	27.5 to 30 GHz
Passband insertion loss	0.1 dB typical
Passband return loss	22 dB min
Passband group delay variation	0.1 ns max

Rejection: from 18.2 to 22 GHz 75 dB min

Overall length 75 mm nominal

Flanges UBR 320 (alternatives available)

