

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 **PB1601CB-KF/KM-B** Ka-band Satcoms transmit Filter

Designed for Ka-band satcoms transmitter applications for suppressing receive band signals.

Passband	24.96 to 28.04 GHz
Passband insertion loss	1.3 dB typical
Passband return loss	14 dB typical

Rejection:	from DC to 23 GHz	100 dB min
	from 29 to 30 GHz	70 dB min
	from 30 to 50 GHz	90 dB min

Overall length	48 mm nominal
Flanges	K male and K female (see web site for alternative connectors and paint codes)

