

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 **PB1616WB K-band Satcoms Receiver Filter**

Designed for K-band Satcoms Receiver applications for suppressing Local Oscillator signals

Passband	19.5 to 20.3 GHz
Passband insertion loss	1.0 dB max
Passband return loss	20 dB typical, 17 dB min
Rejection:	at 18.55 GHz 60 dB min
	at 21 GHz 37 dB min
Overall length	95.25 mm
Connector	K type female and K type male (see web site for alternative connectors, flanges and paint codes)

