

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 **PB1439WN** K-band Satcoms Receiver

Designed for K-band Satcoms Receiver applications for suppressing transmit band signals

Passband	19.7 to 21.2 GHz	
Passband insertion loss	0.1 dB max	
Passband return loss	22 dB typical	
Rejection:	from 29.5 to 31 GHz	70 dB min
Overall length	85 mm	
Flanges	UBR 220 + CBR 220 tapped 4-40	(see web site for alternative flange, connectors and paint codes)

