

# 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 **PB1959WB K-band Satcoms Transmitter Filter**

Designed for Ka-band Satcoms Transmitter applications for suppressing RX and other low band signals

Passband	27.5 to 31 GHz
Passband insertion loss	0.35 dB typical, 0.5 dB max
Passband return loss	18 dB min
Rejection:	
DC to 24.5 GHz	65 dB min
from 24.5 to 26 GHz	40 dB min
Overall length	87 mm
Connectors	K type female

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

