

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 **PB1640WA K-band Satcoms Receiver Filter**

Designed for K-band Satcoms Receiver applications for suppressing other receive band and transmitter signals

Passband 17.7 to 19.7 GHz
 Passband insertion loss 0.4 dB max
 Passband return loss 18 dB min

Rejection: at 20.2 to 21.2 GHz 20 dB min
 at 27.5 to 31 GHz 70 dB min

Overall length 180 mm
 Flanges UBR 220 with clearance holes
 (see web site for alternative connectors, flanges and paint codes)

