

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 **PB1761WB Ka-band Satcoms Transmitter Filter**

Designed for Ka-band Satcoms Transmitter applications for suppressing Local Oscillator and receive band signals

Passband 28 to 28.5 GHz
 Passband insertion loss 1.2 dB typical
 Passband return loss 16 dB min

Rejection: from DC to 27.05 GHz 80 dB min
 from 28.95 to 41 GHz 30 dB min

Overall length 63.5 mm
 Flange UBR 320
 Connector K type Male

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

