

# A1 Microwave

Web: <http://www.A1Microwave.com>

Email: [A1sales@A1Microwave.com](mailto:A1sales@A1Microwave.com)

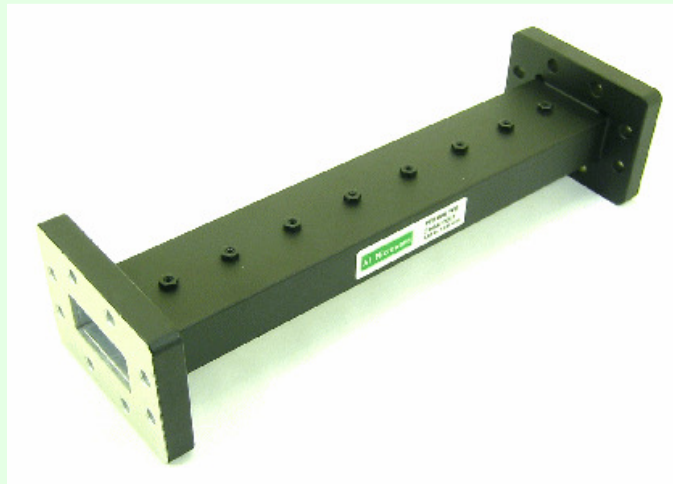


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1666WB** C-band Satcoms Transmitter RX Reject Filter

Designed for use as an output filter in C-band satcoms HPA's to suppress receive band noise.

Passband	5.85 to 7.025 GHz
Passband insertion loss	0.1 dB typical 0.2 dB max
Rejection : from 3 to 4.8 GHz	90 dB min
Passband power handling	400 watts max
Overall length	220 mm nominal
Flanges	UDR 70 (see web site for alternative flange, connectors and paint codes)

