

A1 Microwave

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

Email: A1sales@A1Microwave.com

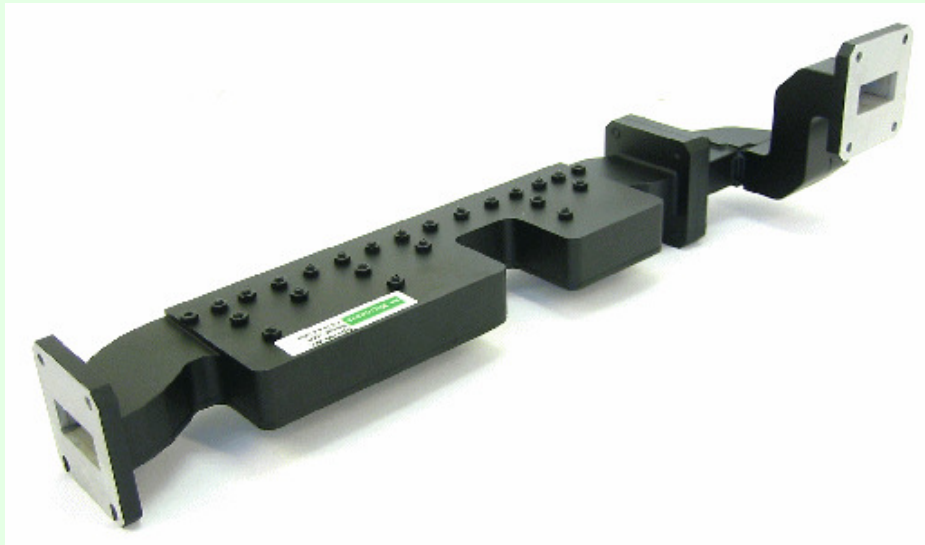


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1789WA-UB/UB-B** X-band transmit filter and waveguide assembly

Designed for X band satcoms transmitter applications for suppressing receive band noise

Passband 7.9 to 8.4 GHz
 Passband Insertion loss 0.4 dB max
 Passband group delay variation 5.6 nS typical
 Passband return loss 20 dB typical

Rejection from DC to 7.75 GHz 100 dB min

Flanges UBR 84 (see web site for alternative flange and paint codes)

