

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 **PB1539WA-UB/Uy-B** X-band Satcoms Transmit Arm

Designed for X band satcoms transmitter output applications for isolation and power monitoring.

Passband	7.9 to 8.4 GHz
Power handling	250 watts, thermal cut out on isolator load
Passband insertion loss	0.2 dB typical, 0.25 dB max
Passband return loss	22 dB min
Isolation	26 dB typical
Coupling	1 x 40 dB forward + 1 x 40 dB reverse
Flanges	Special plus UBR 84

