

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 PB1406WA Ku-band Satcom U bend

Designed to give flexibility of positioning of LNA / LNB. Can be used in conjunction with PB1405WN TX rejection Filter.

Passband	10.7 to 12.75 GHz
Passband insertion loss	0.05 dB max
Passband return loss	24 dB typical

Centre line to centre line spacing	50 mm
Flanges	UBR 120 (alternative flanges and coax interfaces available)

