

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 **PB1115WT** Ku-band Satcom Waveguide to Coax Transition

Designed to cover both the Ku band receive and transmit bands in a short overall length.

Passband	10.7 to 14.5 GHz
Passband return loss	25 dB typical from 10.95 to 14.5 GHz
Overall length	25 mm
Flange	UBR 120 (alternative flanges available)
Coaxial connector	SMA female (alternative connectors available)

