

A1 Microwave

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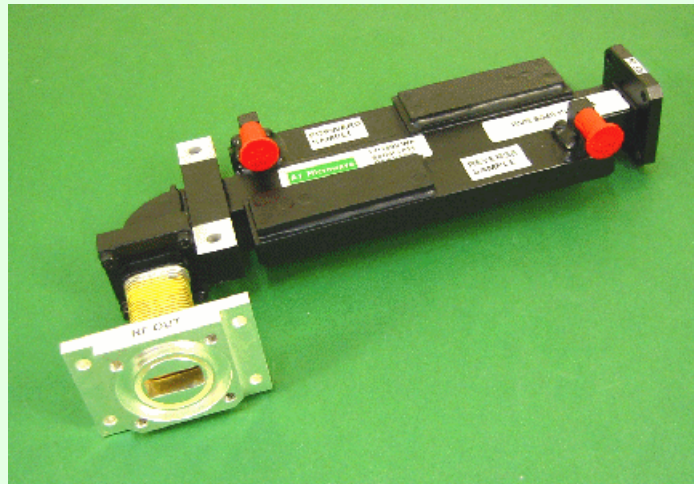


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1599WA** Ku-band Transmit Arm

Designed for Ku band transmitter output applications for measuring forward and reverse power, includes flexible waveguide section.

Passband	15 to 17.5 GHz
Passband insertion loss	0.15 dB typical
Passband return loss	28 dB typical, 21 dB min
Forward monitor	-40 +/- 1 dB
Reverse monitor	-60 +/- 1 dB
Flanges	UG1665/U with through holes + UG1666/U special dual use flange with tapped holes (see web site for alternative flanges and paint codes)

