

A1 Microwave

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

Email: A1sales@A1Microwave.com

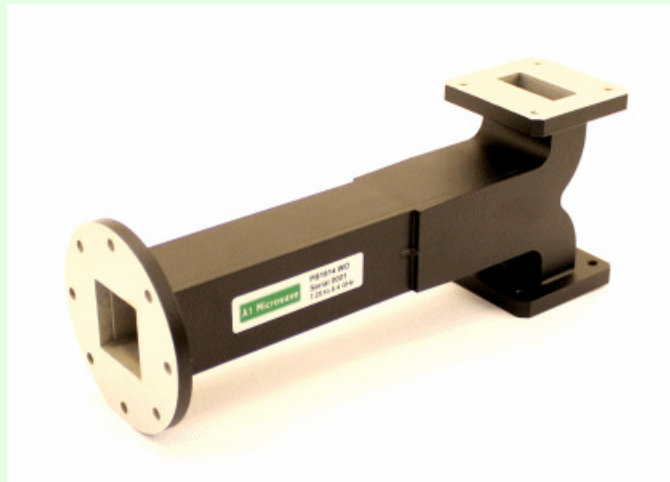


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1814WO** X-band OMT / Polariser

Designed for X band satcoms applications for combining RX and TX signals

Passband RX	7.25 to 7.75 GHz
Passband TX	7.9 to 8.4 GHz
Passband Insertion loss	0.1 dB max
Passband return loss	20 dB typical
RX TX isolation	20 dB min
Axial ratio	0.5 dB max
Flanges	RX and TX ports UBR 84, antenna port 20.04 x 20.04

