

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 **PB1546WD-UB/UB/UB-B** Ku-band Transmitter Diplexer

Designed to connect two transmitters to a common antenna port

Passbands	14.172 to 14.208 GHz and 14.353 to 14.389 GHz
Passband insertion loss	0.45 dB typical
Passband return loss	18 dB min
Rejection: of other transmitter	20 dB min
Overall length	140 mm
Port separation	40 mm (alternative separations are available)
Flanges	UBR 120 (see web site for alternative flanges and paint codes)

