

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 **PB1186WX** DBS-band Satcom coupler

Designed for DBS band satcoms applications to monitor or inject signals into the main waveguide.

Passband	17.3 to 18.4 GHz
Forward coupling	40 dB +/- 1.5 dB
Directivity	20 dB min
Overall length	80 mm
Flanges	UBR 140
Coupled port	SMA female
(alternative flanges and coax interfaces available on all ports)	

