

A1 Microwave

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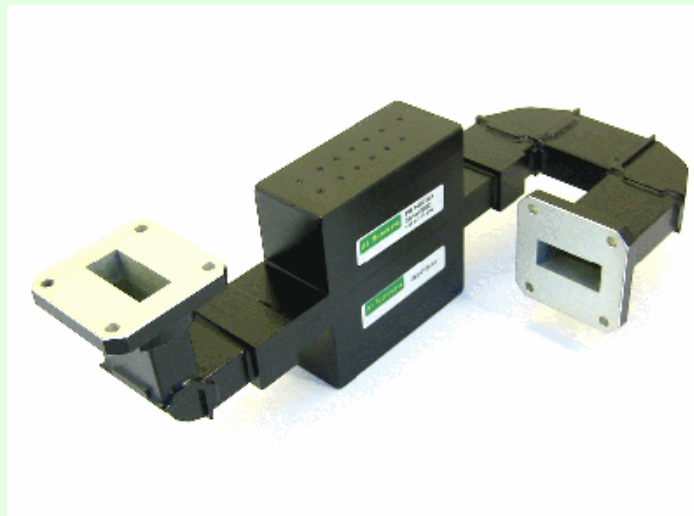


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1426WA** X-band Satcom Receive Filter

Designed for high TX band rejection for minimal insertion loss in X band satcoms applications

Passband 7.25 to 7.75 GHz
 Passband insertion loss 0.5 dB typical, 0.6 db max
 Passband return loss 20 dB typical, 18 dB min

Rejection: from 7.9 to 8.4 GHz 90 dB min

Overall length (filter only) 157 mm
 Flanges UBR 84 (alternative flanges and coax interfaces available)

