

A1 Microwave

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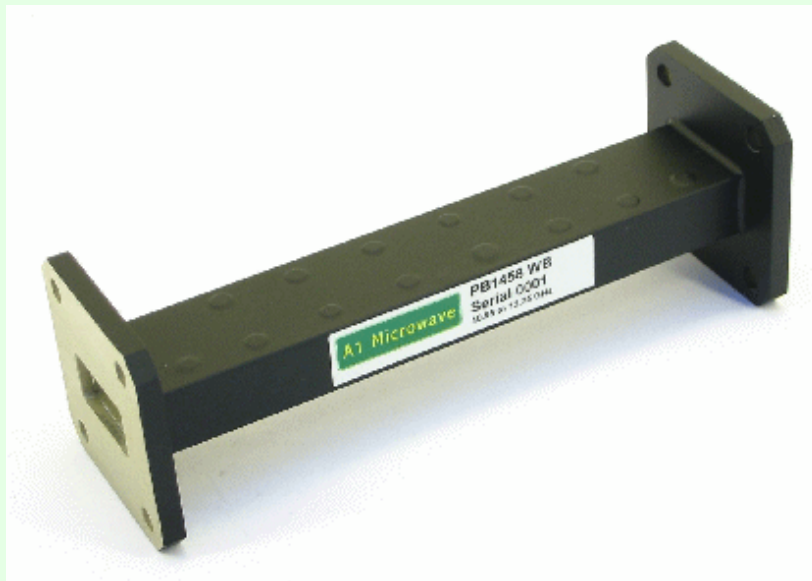


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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 **PB1458WB** Ku-band Satcom receive radar reject filter

Designed for Ku band satcoms to protect receivers from unwanted interference from radars.

Passband	10.95 to 12.75 GHz
Passband insertion loss	0.1 dB max
Passband return loss	23 dB typical, 20 dB min
Passband group delay variation	0.8 ns typical
Rejection:	
from DC to 9.5 GHz	75 dB min
from 9.5 to 10 GHz	55 dB min
from 10 to 10.5 GHz	25 dB min

Overall length 120 mm nominal,
Flanges UBR 120 (alternative flanges available)

