

# 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 **PB1759WN** Ku-band Satcom Receive Filter

Designed for Ku band satcoms receiver applications to suppress transmitter leakage into the LNB.

Passband 10.7 to 12.75 GHz  
 Passband insertion loss 0.1 dB max  
 Passband return loss 22 dB typical, 20 dB min

Rejection: from 13.75 to 14 GHz 25 dB min  
 14 to 14.5 GHz 50 dB min

Overall length 30 mm

Flanges UBR 120

(see web site for alternative connectors, flanges and paint codes)

