

A1 Microwave

Web: <http://www.A1Microwave.com>

Email: A1sales@A1Microwave.com



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.



Photograph shows variant with special reduced size flange part number **PB1581WB-UX/SF-B**

Standard UBR120 flanged model is part number **PB1581WB-UB/SF-B**

Ordering information :- Model number **PB1581WB-UB/SF-B** Ku-band Satcom Upconverter Filter

Designed for Ku band satcoms upconverter applications for suppressing RX band noise.

Passband 13.75 to 14.5 GHz

Passband insertion loss 0.3 dB typical

Passband return loss 20 dB typical

Rejection: from 10.7 to 12.75 GHz 45dB min

Overall length 95 mm nominal

Connectors SMA female and UBR 120

(see web site for alternative flanges and paint codes)

