

# A1 Microwave

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

Email: [A1sales@A1Microwave.com](mailto:A1sales@A1Microwave.com)

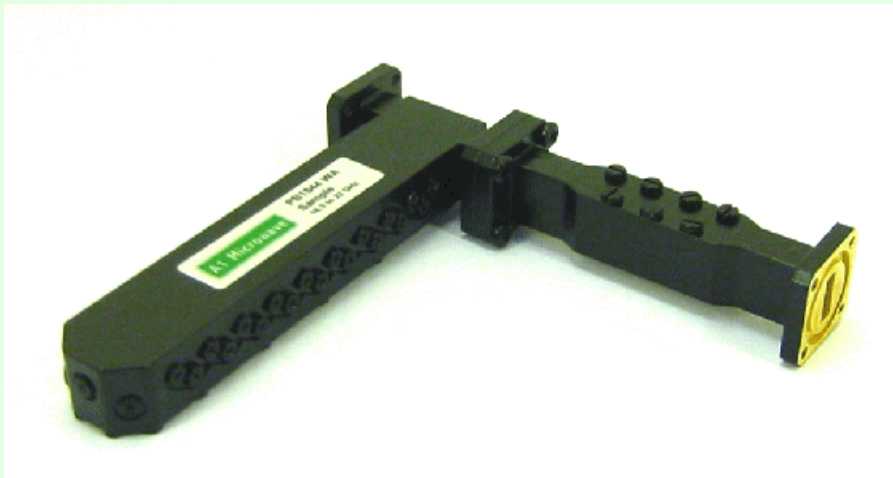


A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

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.



## Ordering information :- Model number **PB1544WA-UY/PY-B** K-band Satcoms Receive Filter

Designed for K band satcoms receiver applications for suppressing transmit band and close in spurious.

Passband		18.3 to 22 GHz
Passband insertion loss		1.4 dB max
Passband return loss		16 dB min
Rejection:	from 17.3 to 18 GHz	50 dB min
	from 18 to 18.1 GHz	30 dB min
	From 27.5 to 30 GHz	90 dB min

Overall length	115 mm nominal
Flanges	PBR + UBR 220 both tapped M3 (see web site for alternative flanges and paint codes)

