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 PB1710WB Ka-band Satcoms Transmitter Filter, in WG21

Designed for Ka-band Satcoms Transmitter applications for suppressing Local Oscillator and receive band signals

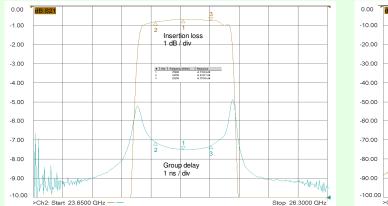
25.5 to 27 GHz

Passband Passband insertion loss Passband return loss

Rejection: from DC to 23.8 GHz from 26.2 to 34 GHz

Overall length Connectors Flange 0.8 dB typical 15 dB min 70 dB min 40 dB min 76.5 mm

K type male UBR 260



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

