

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 **PB1785WT** K-band Satcom WG21 Waveguide to Coax Transition

Designed to cover both the K band receive and Ka band transmit bands in a short overall length.

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|----------------------|--|
| Passbands | 19.2 to 21.2 GHz and 29 to 31 GHz |
| Passband return loss | 16 dB typical in the above bands |
| Overall length | 30 mm |
| Flange | UBR 260 (alternative flanges available) |
| Coaxial connector | K female PB1785WT-UB/KF-B K male PB1785WT-UB/KM-B (alternative connectors available) |

