



Certificate number 24186

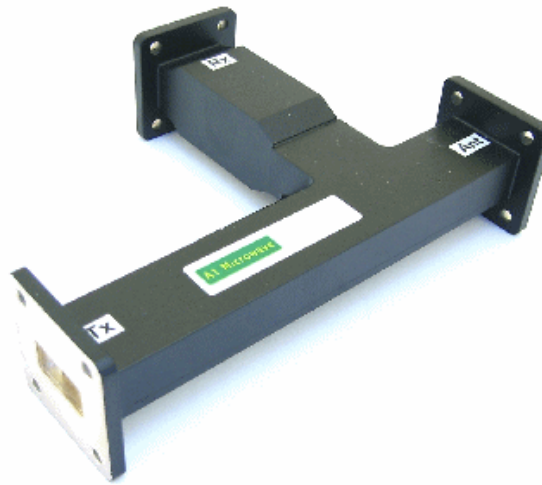
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Certificate number 24926

Since 2001 A1 Microwave has brought high quality technically advanced microwave filtering products to the SATCOM market. Using sophisticated in-house design and simulation software, all new designs are "right first time" allowing the design to move from the computer to the machine shop without the need for prototyping.

A1 Microwave's expertise is firmly rooted in the design and testing of microwave products and our founder has over 25 years experience in this area.



### Ordering information :- Model number **PB1081WA** Ku-band Satcom Diplexer

Designed to connect a transmitter and a receiver to a common antenna port with minimum insertion loss and maximum isolation between the two channels.

Passbands	10.7 to 12.75 GHz and 13.75 to 14.5 GHz
Passband insertion loss	0.2 dB typical RX, 0.25 dB typical TX
Passband return loss	23 dB typical
Rejection:	of transmitter in RX arm      90 dB typical, 80 dB min of receiver in TX arm        65 dB typical, 55 dB min
Overall length	149 mm
Flanges	UBR 120 (alternative flanges and coax interfaces available)

