



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 **PB1308WD** 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
Passband return loss	20 dB min
Rejection:	of transmitter in RX arm 110 dB min
	of receiver in TX arm 90 dB min
Overall length	150 mm
Port separation	80 mm (alternative separations are available)

