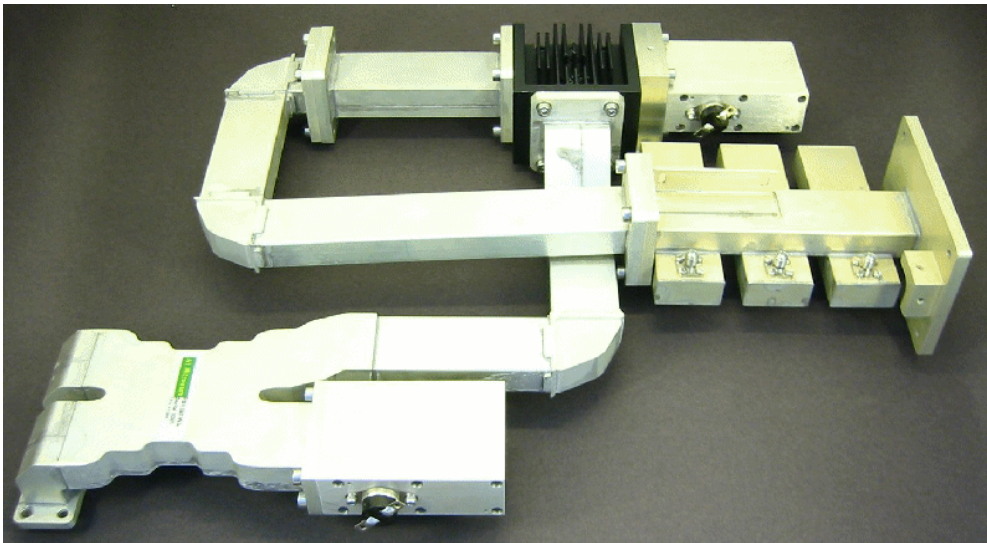




Web: <http://www.a1-jmd.co.uk>
Email: enquiries@a1-jmd.co.uk



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 PB1380WA X-band Transmit 2 way combiner

Designed for X band satcoms transmitter applications for combining 2 solid state power amplifiers.

Passband	7.9 to 8.4 GHz
Passband insertion loss	0.3 dB typical, 0.4 dB max
Passband input return loss	25 dB typical, 20 dB min
Amplitude matching between input	+/- 0.03 db typical, 0.1 dB max
Phase matching between input ports	+/- 0.3 degrees typical, 1 degree max
2 forward + 1 reverse couplers	all 40 dB coupling
Rejection :	2nd to 4th harmonic 60 dB min
Flanges	custom (alternatives available)

