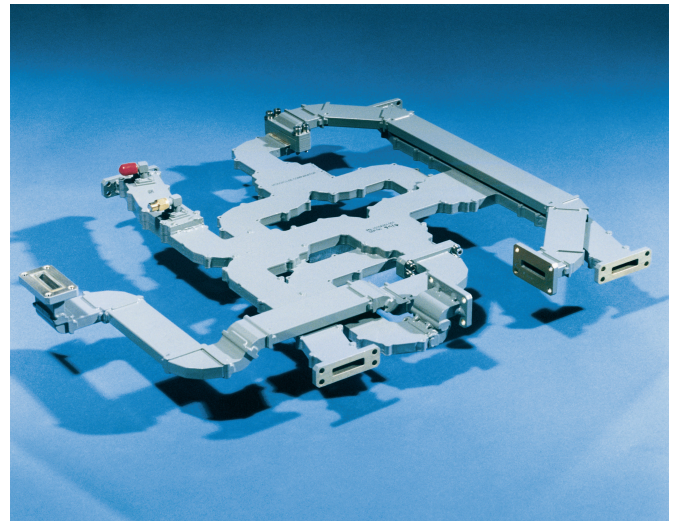


Micro Metalsmiths has been manufacturing precision monopulse comparators for over 20 years.

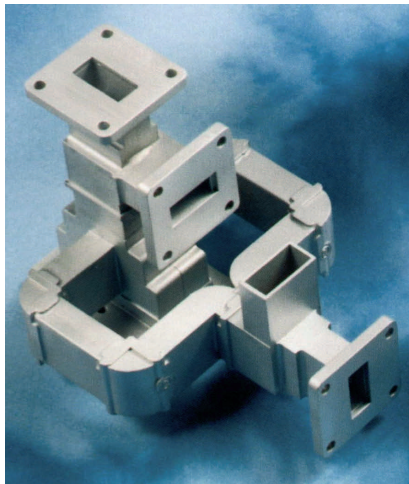
All Micro Metalsmiths' comparators are designed in-house using the latest design tools and simulation software and many are based on precision investment cast waveguide tees.

The following is a typical specification for an X band comparator.



Typical Electrical Specification

Frequency Range:	8.50 – 9.60GHz	
VSWR:	SUM Port:	1.15:1 maximum
	DIFFERENCE Ports:	1.25:1 maximum
Isolation:	SUM-DIFF ports:	35 dB minimum
Amplitude Unbalance:	SUM to all outputs:	+/- 0.15 dB maximum
	DIFF to all outputs:	+/- 0.2 dB maximum
Phase Unbalance:	SUM to all outputs:	+/- 2° maximum
	DIFF to all outputs:	+/- 3° maximum



Mechanical Specification

Mass:	Variable depending on configuration
Approx Space Envelope:	Variable depending on configuration
Finish:	Chromate conversion or Painted
Material:	Aluminium

For more information contact the Micro Metalsmiths' sales team on +44 (0) 1751 432355 or sales@micrometalsmiths.co.uk

