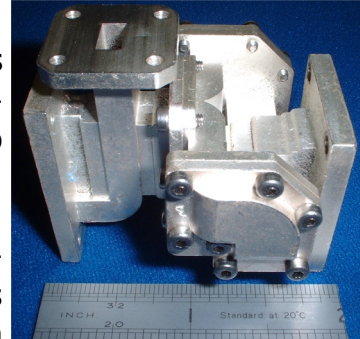




MONOPULSE COMPARATOR Narrowband High Performance Version

Micro Metalsmiths range of Monopulse Comparators includes a specialist 36GHz device. This comparator is ideally suited to airborne applications due to its compact size and very low mass.

The part is constructed using four precision investment castings produced using Micro Metalsmiths own in-house casting technology combined with over 30 years experience in Microwave Design.



Electrical Specification

Frequency Range: 34.2 - 35.5GHz

VSWR

SUM Port: 1.3 : 1 maximum
DIFFERENCE Ports: 1.4 : 1 maximum

Isolation

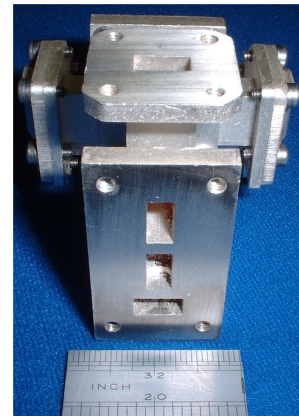
SUM-DIFF ports: 30 dB minimum

Amplitude Unbalance:

SUM to all outputs: +/- 0.15 dB maximum
DIFF to all outputs: +/- 0.20 dB maximum

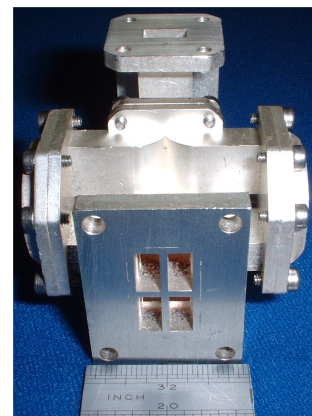
Phase Unbalance:

SUM to all outputs: +/- 2° maximum
DIFF to all outputs: +/- 3° maximum



Mechanical Specification

Estimated Mass: 40g
Approx Space Envelope: 2"(50mm) cube



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