



Ka Band Monopulse Comparator

MC22001

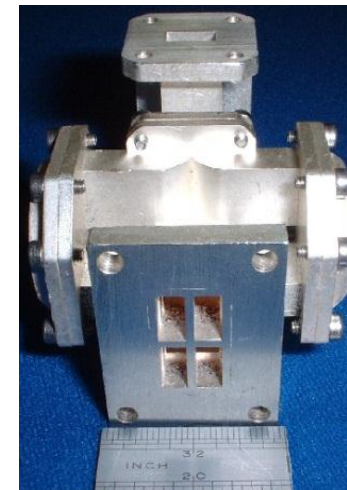
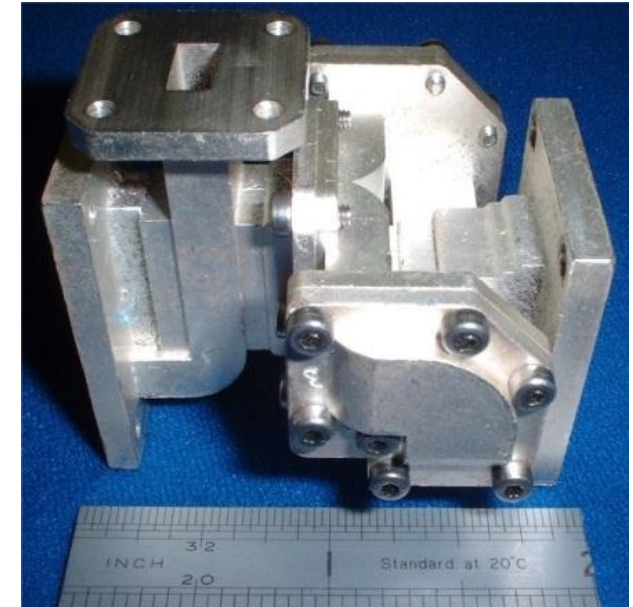


This ultra-compact high performance monopulse comparator has been designed for the aerospace market. It is constructed of 4 Precision Investment Castings but is also available as a machine from solid solution for smaller quantities. Its low mass and small space envelope make it ideal for operation in airborne environments either military or civilian.

Please contact our sales team if you would like to discuss your requirements. **T: 01751 432 355 E: info@sylatech.com**

SPECIFICATION

Frequency Range	Ka-Band (waveguide)	8.025 to 8.4 GHz
VSWR	SUM Port	1.3:1 Max
	DIFF Port	1.4:1 Max
Isolation	SUM - DIFF Port	30 dB Min
Amplitude Unbalance	SUM All Ports	+/- 0.15 dB Max
	DIFF All Ports	+/- 0.2 dB Max
Phase Unbalance	SUM to all Outputs	+/- 2° Max
	DIFF to all Outputs	+/- 3° Max
Mass	Estimated	40g
Space Envelope	Cubic	2" (50mm))



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