

Waveguide Step Transition, WR340 to WR430

GERLING

Model GA2009

GAE offers a series of high power waveguide step transitions that deliver high performance at high power levels. Each model in the series is designed using the quarter wave impedance transformer and mean height methods to achieve near perfect waveguide transitioning.

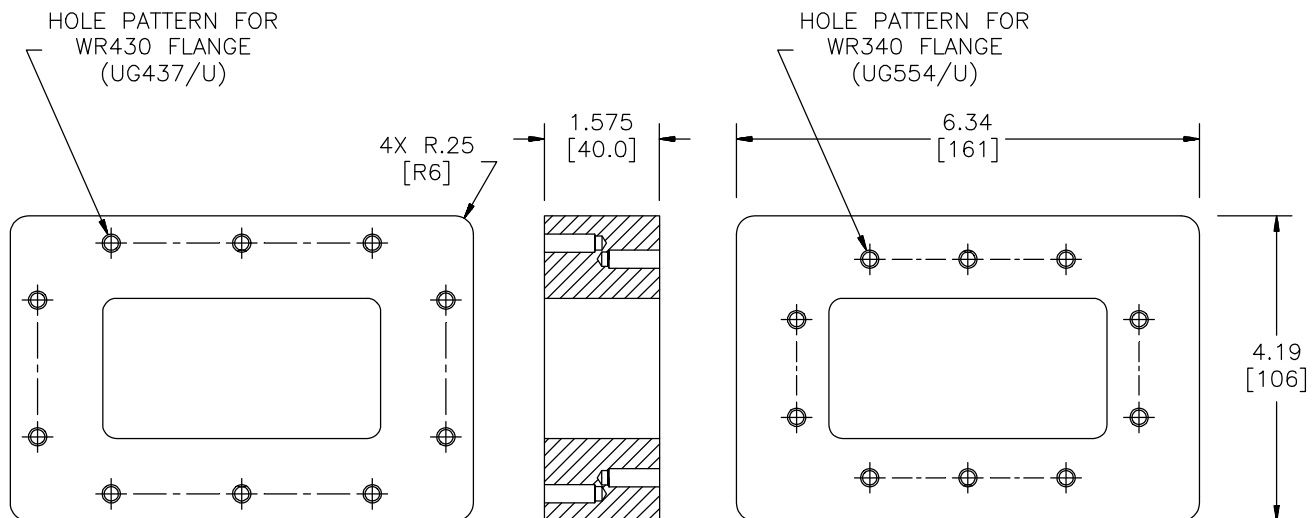
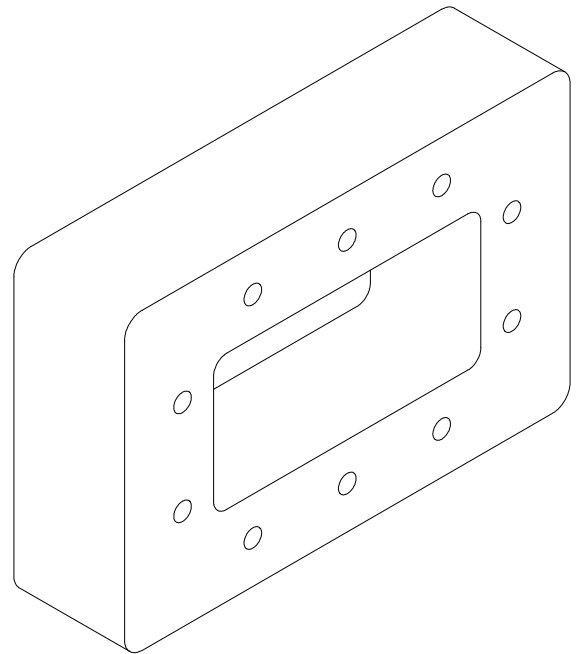
The model GA2009 transitions between WR340 and WR430 waveguide sizes and accommodates multiple standard flange configurations. Single piece aluminum construction ensures dimensional precision and long life durability.

General Specifications:

Frequency	2450 MHz +/- 30 MHz
Input Power	15 kW continuous max.
Waveguide Flange	Port 1: WR340 (UG554/U) Port 2: WR430 (UG437/U)
Input VSWR	1.02 max.
Insertion Loss	.02 dB max
Construction	Aluminum
Finish	Clear chemical film per MIL-C-5541, Class 1A

Options:

- ◆ Alternate hole thread sizes
- ◆ Studs on flange hole pattern (any combination)
- ◆ Flange interlock switch
- ◆ Alternate finish



ALL HOLES TAPPED 1/4-20 UNC X .70 [18] DP



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