

# Waveguide Step Transition, CPR137 to CPR159

GERLING

## Model GA2015

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.

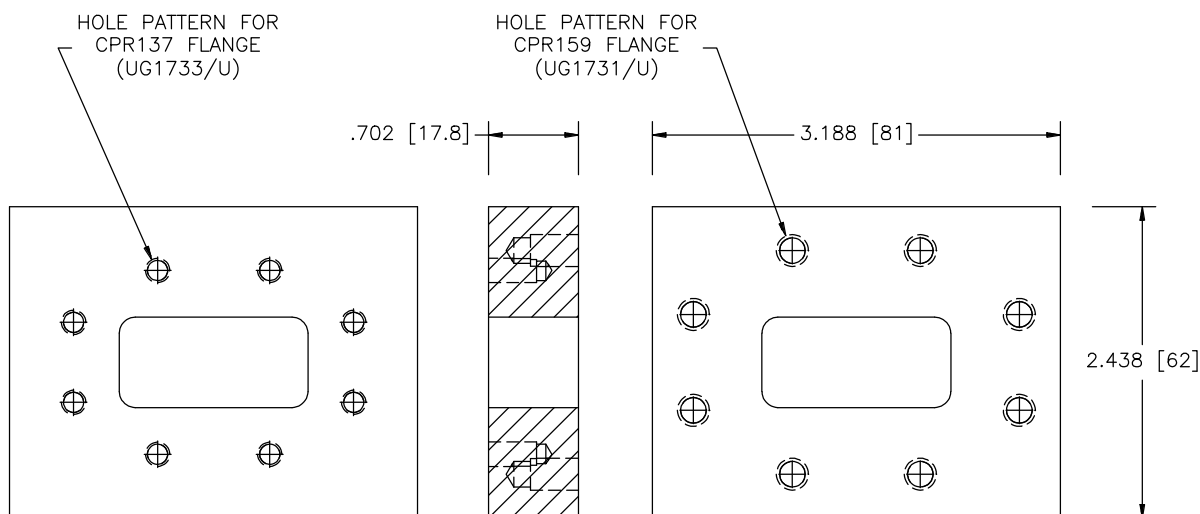
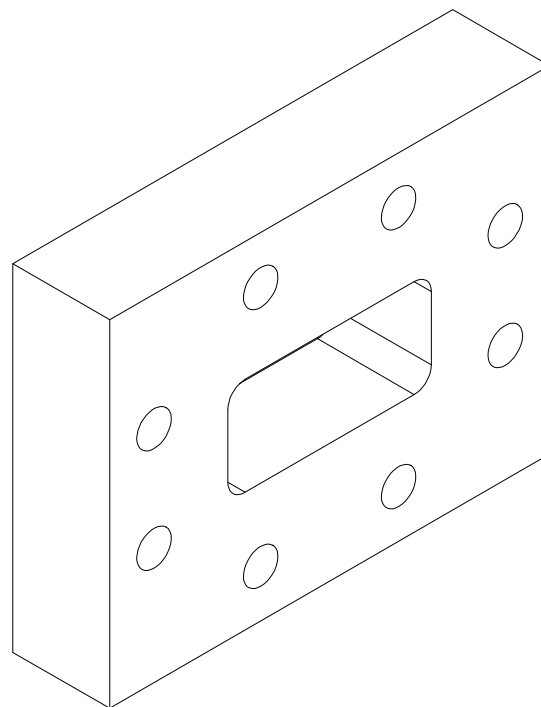
The model GA2015 transitions between WR137 and WR159 waveguide and accommodates standard CPR type flanges. Single piece aluminum construction ensures dimensional precision and long life durability.

### General Specifications:

Frequency	5.8 GHz +/- 30 MHz
Input Power	700 W continuous
Waveguide Flange	Port 1: CPR137 (UG1733/U) Port 2: CPR159 (UG1731/U)
Input VSWR	1.02 max.
Insertion Loss	.02 dB max
Construction	Aluminum
Finish	Clear chemical film per MIL-DTL-5541F, Type II, Class 3

### 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 0.35 [9] DP



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