

Waveguide Adapter, 7/16 DIN Coax, 2.45 GHz

GERLING

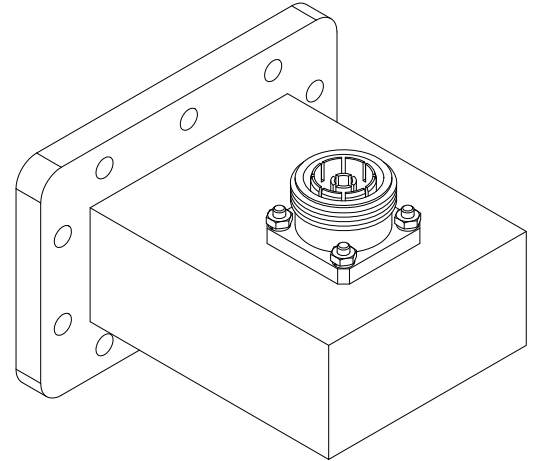
Model GA2020
Model GA2021
Model GA2022
Model GA2023

GAE offers a series of high power waveguide to coax transitions that deliver high performance at relatively high microwave power levels. Each model in the series utilizes the classical cross-bar method of terminating the coaxial center conductor, thus minimizing or eliminating the voltage breakdown common with non-terminated designs. The power rating is limited only by the rating of the coaxial cable (provided by the customer) attached to the 7/16 DIN connector, which in most cases does not exceed 1.5 kW.

Model GA2020 features the popular WR284 Q-D (quick-disconnect) round flange that uses the model GA8410 quick release clamp for waveguide connections.

General Specifications:

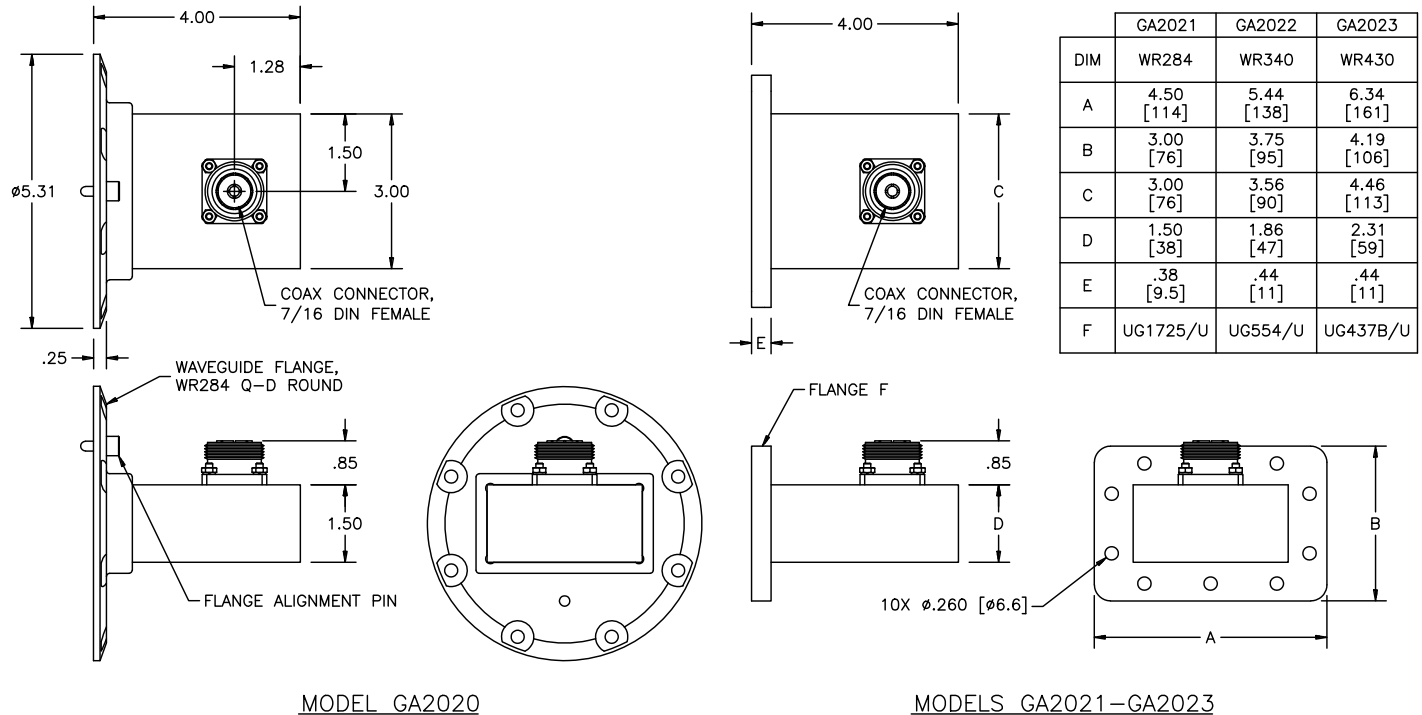
Frequency	2450 MHz +/- 50 MHz
Input Power	1.5 kW continuous max. (output to matched load)
Waveguide	GA2020 & GA2021: WR284 (RG75/U) GA2022: WR340 (RG113/U) GA2023: WR430 (RG105/U)
Waveguide Flange	GA2020: Q-D Round (UG584/U) GA2021: CPR (UG1725/U) GA2022: UG554/U GA2023: UG437B/U
Coax Connector	7/16 DIN female
Input VSWR	1.2 max.
Insertion Loss	.13 dB max.
Construction	Aluminum waveguide body; Brass coax connector and center conductor
Finish	Chemical conversion coating (alodine)



Model GA2021

Options:

- ◆ Threaded inserts or studs on flange (any combination)
- ◆ Flange interlock switch
- ◆ 7/16 DIN male connector



MODEL GA2020

MODELS GA2021-GA2023



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