

Waveguide Adapter, CPR159 to Type N Female

GERLING

Model GA2016

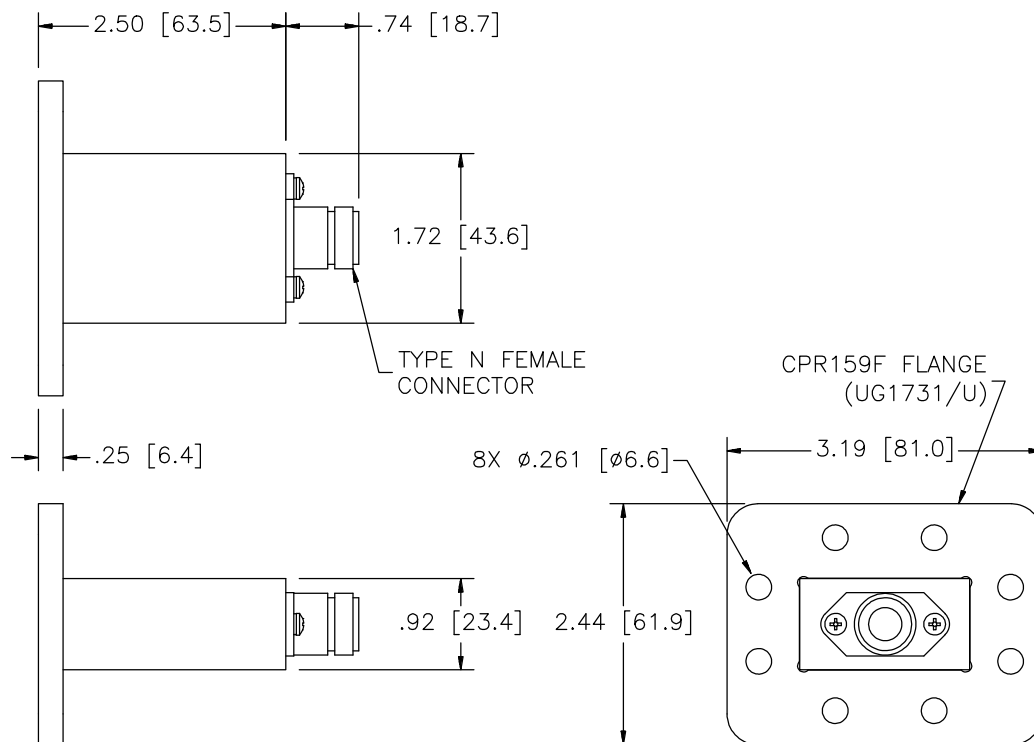
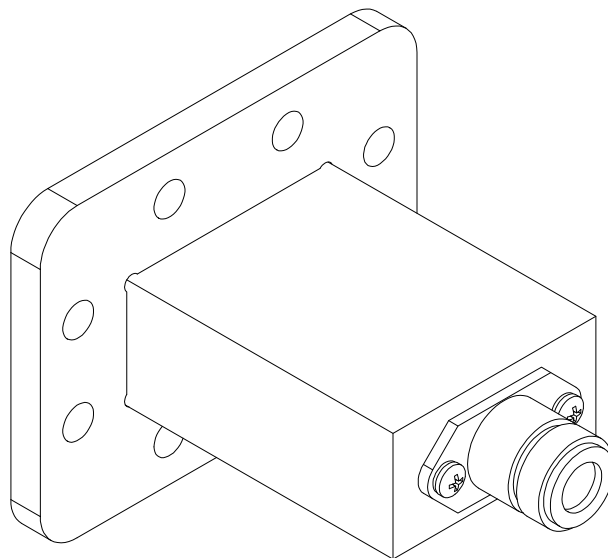
GAE offers a series of high power waveguide to coax transitions that deliver high performance at relatively high microwave power levels. Model GA2016 is designed with a loop type termination of the coaxial center conductor, thus minimizing or eliminating the voltage breakdown common with non-terminated designs. The power rating is limited only by the rating of the coaxial cable (provided by the customer) attached to the Type N connector, which in most cases does not exceed 1 kW.

General Specifications:

Frequency	5.8 GHz nominal
Input Power	1 kW continuous max. (output to matched load)
Waveguide	WR159 (RG344/U)
Waveguide Flange	CPR-F (UG1731/U)
Coax Connector	Type N female
Input VSWR	1.2 max.
Insertion Loss	.13 dB max
Construction	Aluminum waveguide body; Brass coax connector and center conductor
Finish	Chemical film; black textured paint

Options:

- ◆ Threaded inserts or studs on flange (any combination)
- ◆ Flange interlock switch



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