

Basic 3-Stub Tuner, WR284

GERLING

Model GA1010

GAE's family of Basic 3-Stub Tuners are designed for load impedance matching in high power microwave heating systems. Their simple yet rugged design makes these tuners ideal for a variety of production and OEM applications.

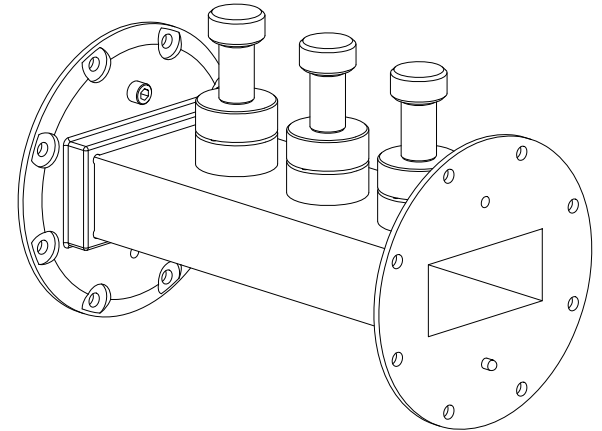
The stubs are spaced at 1/4 guide wavelength intervals and offset 1/16 guide wavelength from center. This configuration is capable of tuning a broader range of impedances than standard tuners having no offset.

Spring-loaded locking nuts allow adjustment during high power operation and ensure a secure stub position setting. The stub housings are designed with reactive chokes allowing use in high "Q" applications.

Model GA1010 features the popular WR284 Q-D (quick-disconnect) round flange that uses the convenient single screw clamp (model GA8410) for waveguide connections.

General Specifications:

Waveguide	WR284
Flange	UG584/U with taper
Frequency	2450 MHz +/- 50 MHz
Power (continuous)	3 kW
Impedance Matching	3 stubs on 1/4 guide wavelength spacing
Construction	Aluminum waveguide and stubs
Finish	Chemical conversion coating all over, textured black paint

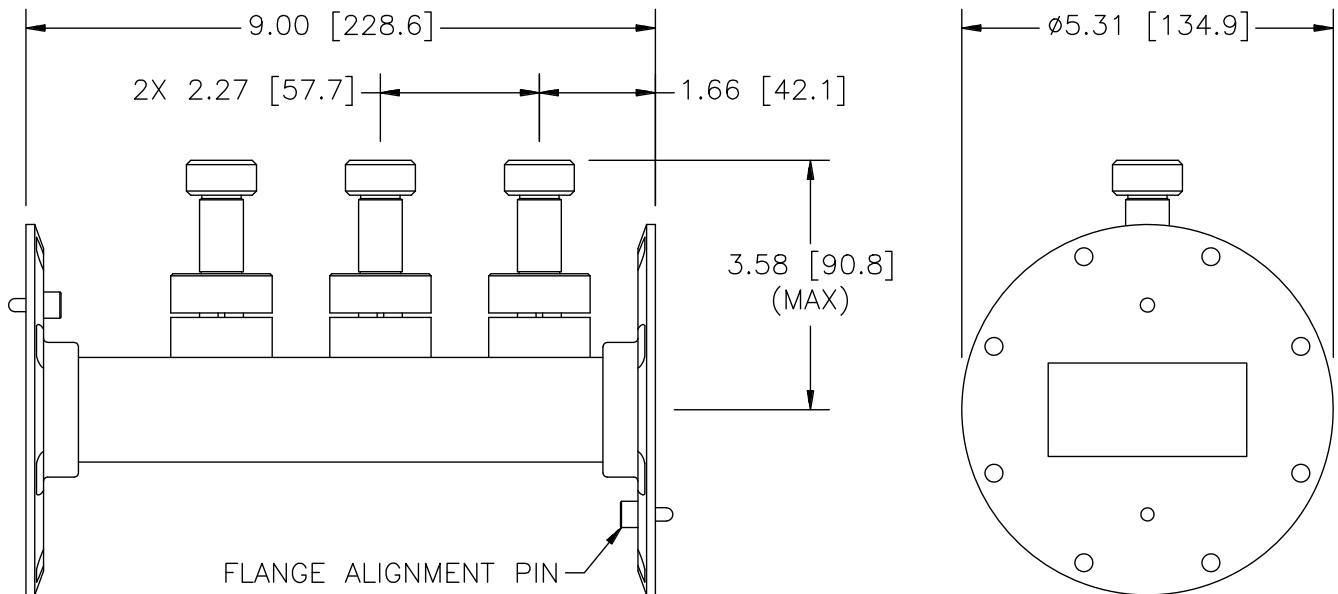


Options:

- ◆ Flange interlock switches
- ◆ Water cooling

Accessories:

- ◆ GA8410 quick-release flange clamp



GERLING APPLIED
ENGINEERING, INC.

All dimensions are in inches [millimeters].

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