High Power Dummy Load, WR284

GAE's popular line of high power and compact dummy loads have the highest ratio of power capacity to size of any commercially available load. These loads are most often used with circulators in an isolator configuration, but they are also useful as phantom loads for testing and calibration as well as traveling wave and variable Q applicators.

As with all GAE dummy loads, models GA1201 and GA1204 use water as the absorptive medium in a polyethylene insert to provide excellent performance and long life at up to 3kW continuous input power. The naval brass water connections minimize corrosion from harsh water supplies to further enhance reliability and life.

Model GA1204 features the popular WR284 Q-D (quick-disconnect) round flange that uses a single screw clamp for waveguide connections.

**General Specifications:**
- Frequency: 2450 MHz nominal
- Input Power: 3 kW continuous max.
- Waveguide: WR284 (RG75/U)
- Input Flange: GA1201: CPR (UG1725/U)  
  GA1204: Q-D Round (UG584/U)
- Return Loss: 20 dB min. @ 2450 MHz
- Water Connections: 1/8 NPT Female
- Water Flow: 1.0 gpm nominal, 70 psi max. inlet pressure
- Construction: Dip brazed aluminum, brass water connections
- Finish: Clear chemical film, black paint

**Options:**
- Heli-Coils or studs on flange (any combination)
- Flange interlock switch
- Water connection fittings (various types available)