

Flange Mount Termination 450 Watts, 50Ω

Description

The G450N50W4 is high performance Aluminum Nitride (AIN) flange mount termination intended as a cost competitive alternative to Beryllium Oxide (BeO). The termination is also RoHS compliant!

General Specifications

Resistive Element	Thick Film
Substrate	AIN Ceramic
Mounting Flange	Nickel Plated Copper
Operating Temperature	-50 to +150°C (see de rating chart)

Tolerance is ± 0.010 ", unless otherwise specified. Designed to meet of exceed applicable portions of MIL-E-5400. All dimensions in inches.

Electrical Specifications

Resistance Value:	50 Ohms, \pm 2%
Power:	450 Watts
Frequency Range:	DC – 1.7GHz
Return Loss	>20dB

Specification based on unit properly installed using suggested mounting instructions and a 50 ohm nominal impedance. **Specifications subject to change.**





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Features:

- RoHS Compliant
- 450 Watts
- DC 1.7 GHz
- AIN Ceramic
- Non-Nichrome Resistive
 Element
- Low VSWR
- 100% Tested

Outline Drawing



Typical Performance:





Mounting Footprint and Procedure:



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