

Coaxial

New Product Announcement!

High Power Amplifier

ZHL-100W-GAN+

50Ω 100W 20 to 500 MHz



ZHL-100W-GAN+
Price \$2395.00 (Qty. 1-9)



ZHL-100W-GANX+
Price \$2320.00 (Qty. 1-9)

The Big Deal

- High Efficiency, 50% typ.
- High Output Power, 100W
- GaN Output Stage
- High Output IP2, +84 dBm typ.
- High Output IP3, +60 dBm typ.

Product Overview

The Mini-Circuits ZHL-100W-GAN+ utilizes high power Gallium Nitride (GaN) output stage, which results in higher efficiency (50% typ.) as compared to GaAs, LDMOS and VDMOS counterparts. GaN FET's boast a maximum junction temperature of 250°C translating into higher operating temperatures without adversely affecting the MTBF.

Key Features

Feature	Advantages
High Efficiency	Higher PAE results in significant cost savings over the operating life of amplifier.
Rugged Design	Extreme load mismatch such as open/short at output are tolerated without damaging the amplifiers.
Range of Protections	Over temperature, over voltage and reverse polarity protection add to the ruggedness of amplifier.



ISO 9001 ISO 14001 AS 9100 CERTIFIED

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IF/RF MICROWAVE COMPONENTS

For detailed performance specs & shopping online see web site

Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet. 2. Electrical specifications and performance data contained herein are based on Mini-Circuit's applicable established test performance criteria and measurement instructions. 3. The parts covered by this specification sheet are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/MCLStore/terms.jsp.