

Coaxial

New Product Announcement!

High Power Amplifier

ZHL-100W-GAN+

50Ω 100W 20 to 500 MHz

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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. |



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 The Design Engineers Search Engine  Provides ACTUAL Data Instantly at minicircuits.com

IF/RF MICROWAVE COMPONENTS

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.

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