

New Product Announcement!

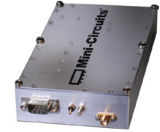
High Power Amplifier

ZHL-30W-262+

50Ω 30W 2300 to 2550 MHz



ZHL-30W-262-S+
Price: \$1995.00 (QTY 1-9)



ZHL-30W-262X-S+
Price: \$1920.00 (QTY 1-9)

The Big Deal:

- High Power Output:30W
- Capable of operating at rated power into an open or short
- Integrated protection and alarm functions

Product Overview:

ZHL-30W-262+ is a ruggedized High Power Amplifier delivering 30W signals covering the 2400 MHz ISM, WLAN and S-Band radar bands. This amplifier supports a variety of applications from communication, radar to critical test and measurement systems and includes over-temperature self-protect and alarming circuits as well as internal protection circuits to prevent damage due to operation into an open or short under full RF power.

Key Features

Feature	Advantages
Good gain flatness, ± 1.5 dB	Predictable performance and signal level strength
Excellent Input and Output VSWR, 1.25:1	Well-matched for full power transmission
Over temperature shut down	The ZHL-30W-262+ includes internal temperature monitoring circuits to automatically shut down the amplifier in the event of over temperature operation. Set for approximately $+85^{\circ}\text{C}$ shutdown (with auto recovery at 70°C), this feature ensures that users whom have difficulty in controlling their thermal environment or need to operate in a remote mode and cannot monitor the amplifier real time, can function with the security that a thermal run-away condition will be avoided through this self management feature. Furthermore, the ZHL-30W-262+ provides a TTL output to indicate thermal shutdown for remote automated systems.
Output load protection	A high root cause for damage to power amplifiers is the operation into highly reflective loads. The ZHL-30W-262+ power amplifier includes circuits to enable the amplifier to operate without damage in the presence of an open or short over all phases.
Excellent Output Power: 30W	Providing 30W of output power at the WiFi bands, this amplifier is an ideal lab test amplifier operating over the entire 2.3 to 2.5 GHz band.



ISO 9001 ISO 14001 AS 9100 CERTIFIED

For detailed performance specs & shopping online see web site

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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.