## **New Product Announcement!**

Coaxial

# **High Power Amplifier**

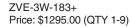
**ZVE-3W-183+** 

 $50\Omega$  3W 5.9 to 18 GHz

## **The Big Deal**

- Wideband 5.9 to 18 GHz
- Output Power, 3 Watts
- Gain, 35 dB
- Low cost \$1295.00







ZVE-3W-183X+ Price: \$1220.00 (QTY 1-9)

#### **Product Overview**

ZVE-3W-183+ is a Class-A, four stage, unconditionally stable amplifier which includes built-in voltage regulation and reverse bias protection for added reliability in un-constrained environments. This model exhibits outstanding performance in system applications as well as being ruggedized to support the stress and abuse associated with lab test environments including the capability to withstand accidental open/short at the output over military vibration and shock levels.

#### **Key Features**

Feature		Advantages
Wide Bandwidth, 5.9 to 18 GHz (Usable over 5.5 to 18 GHz)		The broad bandwidth for the ZVE-3W-183+ enables full coverage of major EW and Test bands in a single amplifier. This amplifier is ideal for broadband, high frequency EMI test applications or driving multiple modules from a single source.
Output power: 3W typ.		The ZVE-3W-183+ amplifier is capable of delivering 3W CW output making it an ideal driver amplifier for very high power amplifiers such as TWT's or in supporting power handling tests of wide band components such as amplifiers, splitters etc.
Gain: 35 dB typ.		With high gain, the ZVE-3W-183+is ideal for use in test applications when used together with lab signal generators, enabling it to deliver full power without need of additional driver amplifiers. In system applications, the high gain reduces the number of amplifiers needed resulting in a reduction of mechanical footprint or performance degradation due to VSWR interaction of multiple coaxial components.
Low VSWR:	Input 1:5:1 typ. Output: 1.2:1 typ.	Low VSWR minimizes interaction effects with adjacent components which can negatively affect the overall gain ripple over such wide bands.
Outstanding Gain Flatness: ±1.4 dB typ.		Covering a 3:1 bandwidth often results in gain flatness that may require additional circuits for slope compensation. The ZVE-3W-183+ includes internal circuits to ensure tight flatness over the entire 5.9 to 18 GHz band making this amplifier ideal for use in a variety of critical applications.



For detailed performance spec-& shopping online see web site