

# Wideband Amplifier

Model: **AP-1GZ23**

## Data Sheet

### 1.0 Description

The AP-1GZ23 amplifier is a low-noise, wide bandwidth amplifier that can be used with the RFC-102 series RF Current Probes.



### 2.0 Key Features

- High gain and low noise
- Wide bandwidth
- Standard 50 Ohm input and output
- AC power adapter included

### 3.0 Electrical Specification

Electrical Specification, AP-1GZ23			
Parameter		Specification	Unit
Frequency Range	Min - Max	0.1 - 1000	MHz
Gain	Typ	23.45	dB
Output Power at 1dB Compression	Typ	+3	dBm
Input VSWR	-	1.5	:1
Output VSWR	-	2.0	:1
DC Supply Voltage	Typ	18.0	V
Supply Current	mA	60.0	mA

## 4.0 Environmental Specification

Environmental Specification, AP-1GZ23		
Parameter	Rating	Unit
Operating Temperature	-20 to 71	deg C
Storage Temperature	-55 to 100	deg C

## 5.0 Mechanical Specification

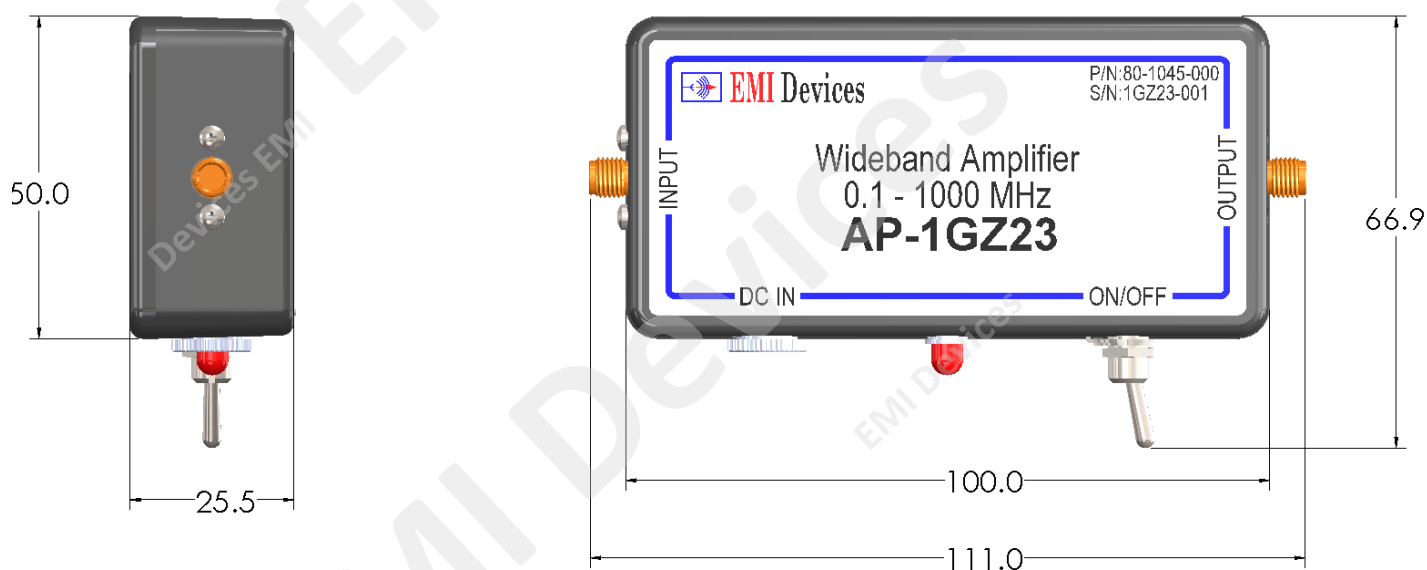


Fig.1. Wideband Amplifier Outline Drawing (units are in mm).

### Disclaimer

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- Product Warranty – One Year
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