

Wideband Amplifier

Model: **AP-0.5GZ23**

Data Sheet

1.0 Description

The AP-0.5GZ23 amplifier is a low-noise, wide bandwidth amplifier that can be used with the RFC-101 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-0.5GZ23			
Parameter		Specification	Unit
Frequency Range	Min - Max	0.1 - 500	MHz
Gain	Typ	28.0	dB
Output Power at 1dB Compression	Typ	+5	dBm
Input VSWR	-	1.5	:1
Output VSWR	-	1.6	:1
DC Supply Voltage	Typ	18.0	V
Supply Current	mA	60.0	mA

4.0 Environmental Specification

Environmental Specification, AP-0.5GZ23		
Parameter	Rating	Unit
Operating Temperature	-20 to 71	deg C
Storage Temperature	-55 to 100	deg C

5.0 Mechanical Specification

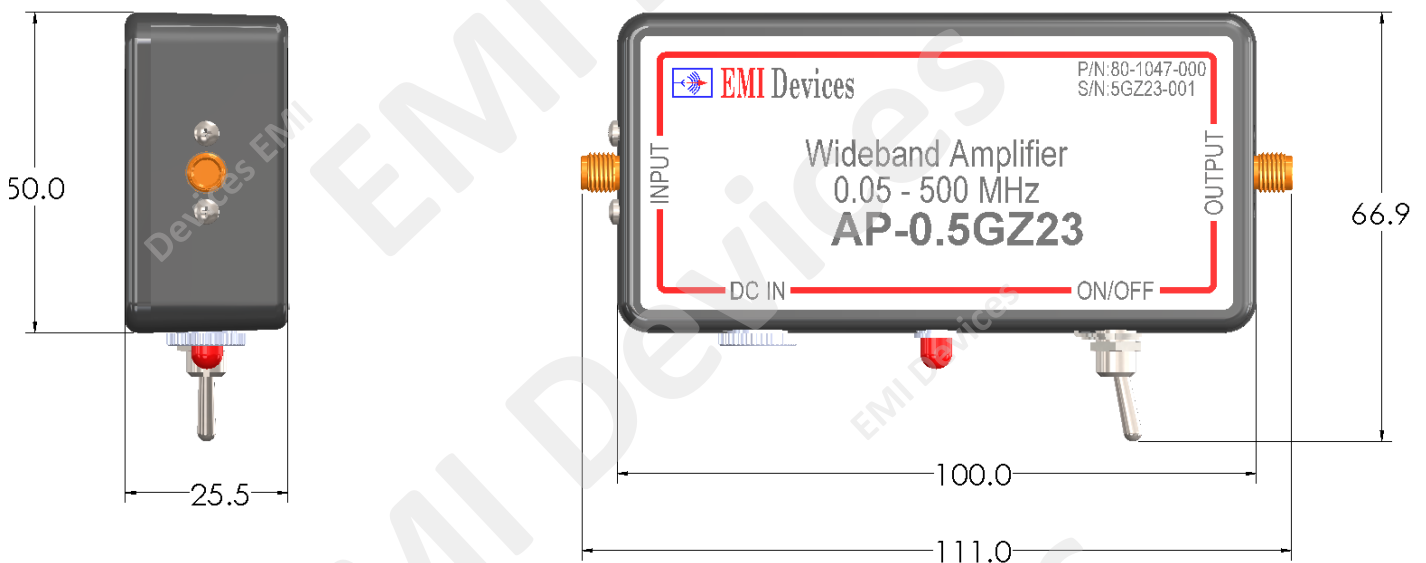


Fig.1. Wideband Amplifier Outline Drawing (units are in mm).

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- Product Warranty – One Year
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