

# Wideband Amplifiers



## Applications

- Defense/Military Applications
- Radar/ELINT/EW application
- Test & Measurement / Simulator

## Features

- Wideband Operation
- Excellent Gain Flatness and Noise Figure
- Compact Size and Light weight
- Customizing available

## Specification

Parameter	GMA260400A01	GMA260400A02	GMA180400A01
Frequency	26.5 to 40GHz	26.5 to 40GHz	18.0 to 40.0GHz
Noise Figure	5dB max.	7dB max.	10dB typ.
Gain	30dB typ.	24dB typ.	20dB typ.
Gain Flatness	+/- 2.5dB	+/- 1.5dB	+/-2.0dB
Gain Variation over Temp.	+/- 2dB	+/- 2dB	+/- 2dB
Output P-1dB	8dBm min.	12dBm min.	22dBm min.
Input VSWR	2.5:1 max.	2.1:1 max.	2.5:1 max.
Output VSWR	2.5:1 max.	2.1:1 max.	2.5:1 max.
Operating Temperature	-40 to +85°C	-55 to +85°C	-40 to +85°C
Interface : RF	W/G WR-28	W/G WR-28	2.92mm (f)
DC	Solderable EMI Filter	Solderable EMI Filter	Solderable EMI Filter
Size	See below	See below	See below
DC consumption	+11 to 15Vdc @ 120mA	+6Vdc @ 190mA	+8 to 15Vdc @500mA

The Specification subject to change without notice.

