



*Norden Millimeter is the leading developer of  
microwave and millimeter wave products,  
creating standard and custom RF amplifiers,  
frequency multipliers, frequency converters,  
and custom assemblies.*

DATASHEET

## NA4060G50N8P12 FEATURES

RF Frequencies  
**40-60 GHz**

SS Gain Min  
**20 dB**

SS Gain Flatness  
**+/- 3.5 dB**

Input Return Loss  
**-7.36 dB**

Output Return Loss  
**-7.36 dB**

Operating Temperature  
**+25 deg C**

Norden Millimeter has an extensive catalog of standard RF amplifiers, with applications in the commercial, military, and test space. Within this product line is our NA4060G50N8P12 amplifier, with RF frequencies that range from 40 GHz to 60 GHz.

As part of Norden Millimeter's standard catalog of amplifiers and other RF products, the RoHS compliant NA4060G50N8P12 is an example of our expanding line. Our reliable amplifiers are carefully engineered to meet the needs of your operations. NA4060G50N8P12 is designed with a P-1dB of 12 dBm with a noise figure of 8.0 dB.

We encourage you to contact our sales team at 530-642-9123 to discuss your questions and applications. With amplifiers, down converters, up converters, transceivers, and other products operating between 0.5 and 110 GHz, Norden Millimeter is the top choice for both standard products and custom assemblies.

Norden Millimeter is ISO 9001:2015 and AS 9100D Certified.

NA4060G50N8P12

40-60 GHZ RF AMPLIFIER

SPECIFICATIONS

RF Frequencies	40-60	GHz
SS Gain Min	50	dB
SS Gain Flatness	+/- 3.5	dB
Noise Figure Typ	8	dB
Input Return Loss Typ	-7.36	dB
Output Return Loss Typ	-7.36	dB
P-1dB Typ	12	dBm
Supply Voltage	+12 +/- 5%	VDC
Supply Current Temp	550	ma
Operating Temp	+25	deg C
Input Connector	1.85	female
Output Connector	1.85	female



5441 Merchant Circle  
Placerville, CA 95667  
(530) 642-9123  
[www.nordengroup.com](http://www.nordengroup.com)