



DATASHEET

*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.*

## NN4060G30N6P7 FEATURES

Frequency Range  
**40-60 GHz**

SS Gain Min  
**30 dB**

SS Gain Flatness  
**+/- 2.0**

Input Return Loss Max  
**-7.36 dB**

Output Return Loss Max  
**-7.36 dB**

Operating Temp  
**+25 deg C**

Norden Millimeter has an extensive catalog of standard frequency amplifiers, with applications in the commercial, military, and test space. Within this product line is our NN4060G30N6P7 amplifier, with a frequency range of 40-60 GHz.

Included in Norden Millimeter's standard catalog parts, the NN4060G30N6P7 amplifier is an example of our extensive engineering and prototyping capabilities. Our RF amplifiers are carefully engineered to meet the needs of your operations.

We encourage you to contact our sales team at 530-719-4704 to discuss any questions you may have along with what is best for your application. 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.

RoHs Compliant.

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

# NN4060G30N6P7

40-60 GHz RF AMPLIFIER

## SPECIFICATIONS

Frequency Range	40-60	GHz
SS Gain Min	30	dB
SS Gain Flatness	+/-2.0	dB
Noise Figure Typ	6.0	dB
P-1 dB Typical	7	dBm
Input Return Loss Max	-7.36	dB
Output Return Loss Max	-7.36	dB
Max Input Power	20	dBm
Supply Voltage	+12 +/- 5%	VDC
Supply Current Temp	240	ma
Operating Temp	+25	deg C
Input Connector	1.85 mm	female
Output Connector	1.85 mm	female



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