



DATASHEET

NN6090G40N5P-2 FEATURES

Frequency Range
60-90 GHz

SS Gain Typical
40 dB

Noise Figure
5.5 dB

Input Return Loss Typ
-6 dB

Output Return Loss Typ
-7.36 dB

Operating Temp
+25 deg C

*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.*

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 NN6090G40N5P-2 RF amplifier, with a frequency range of 60-90 GHz.

Included in Norden Millimeter's standard catalog parts, the NN6090G40N5P-2 amplifier is an example of our extensive engineering and prototyping capabilities. Our 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 multipliers, 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.

NN6090G40N5P-2
60-90 GHZ RF AMPLIFIER

SPECIFICATIONS

Frequency Range	60-90	GHz
SS Gain Typ	40	dB
SS Gain Flatness Typ	+/-10	dB
Noise Figure Max	5.5	dB
P-1dB Typ	-2	dBm
Input Return Loss Max	-6	dB
Output Return Loss Max	-6	dB
Supply Voltage	+12 +/- 5%	VDC
Supply Current Temp	50	ma
Operating Temp	+25	deg C
Input Connector	WR-12	
Output Connector	WR-12	
	RoHs Compliant	



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