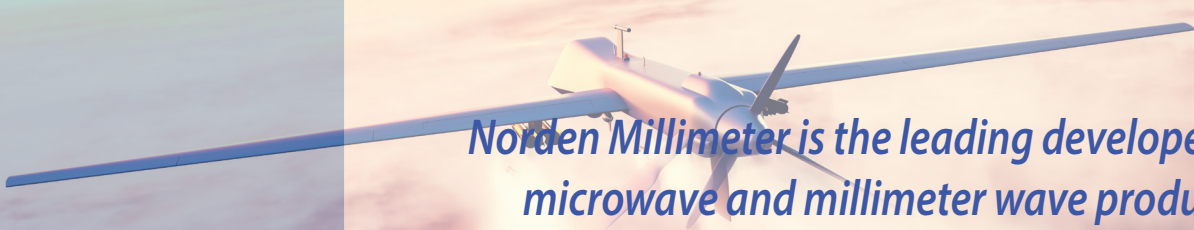


DATASHEET



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.

NP5065G30N-P17 FEATURES

Frequency Range
50-65 GHz

SS Gain Typ
30 dB

SS Gain Flatness Typical
+/- 3.0

Input Return Loss Max
-8.52 dB

Output Return Loss Max
-8.52 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 NP5065G30N-P17 amplifier, with a frequency range of 50-65 GHz.

Included in Norden Millimeter's standard catalog parts, the NP5065G30N-P17 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.

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

NP5065G30N-P17

50-65 GHz RF AMPLIFIER

SPECIFICATIONS

Frequency Range	50-65	GHz
SS Gain Min	30	dB
SS Gain Flatness	+/-3.0	dB
P-1 dB Typical	17	dBm
Input Return Loss Max	-8.52	dB
Output Return Loss Max	-8.52	dB
Supply Voltage	+12 +/- 5%	VDC
Supply Current Temp	870	ma
Operating Temp	+25	deg C
Input Connector	1.85mm	female
Output Connector	1.85mm	female



5441 Merchant Circle
Placerville, CA 95667
(530) 642-9123
www.nordengroup.com