



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

NN1840G30N4P13 FEATURES

Frequency Range
18-40 GHz

SS Gain Typical
30 dB

Noise Figure
4.5 dB

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 multipliers, with applications in the commercial, military, and test space. Within this product line is our NN1840G30N4P13 RF amplifier, with a frequency range of 18-40 GHz.

Included in Norden Millimeter's standard catalog parts, the NN1840G30N4P13 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.

NN1840G30N4P13

18-40 GHZ RF AMPLIFIER

SPECIFICATIONS

Frequency Range	18-40	GHz
SS Gain Typ	30	dB
SS Gain Flatness Typ	+/-2	dB
Noise Figure Max	4.5	dB
P-1dB Typ	+13	dBm
Input Return Loss Max	-7.36	dB
Output Return Loss Max	-7.36	dB
Supply Voltage	+12 +/- 5%	VDC
Supply Current Temp	265	ma
Operating Temp	+25	deg C
Input Connector	2.92mm	female
Output Connector	2.92mm	female
	Proper Heat Sinking Req'd	



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