



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.*

NP1840G20N8P20 FEATURES

Frequency Range
18 - 40GHz

SS Gain Typ
20 dB

SS Gain Flatness Typical
+/- 2.5

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 NP1840G20N8P20 amplifier, with a frequency range of 18 - 40 GHz.

Included in Norden Millimeter's standard catalog parts, the NP1840G20N8P20 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.

NP1840G20N8P20
18-40 Amplifier

SPECIFICATIONS

RF Frequencies	18-40	GHz
SS Gain Nominal	20	dB
SS Gain Flatness	+/- 2.5	dB
Noise Figure Max	8	dB
Input Return Loss Max	-7.36	dB
Output Return Loss Max	-7.36	dB
P-1dB Min	20	dBm
Supply Voltage	+12 +/- 5%	VDC
Supply Current Temp	800	ma
Operating Temp	+25	deg C
Input Connector	2.92	female
Output Connector	2.92	female



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