



NP1840G30N-P26S

18 - 40 Amplifier

Requires extensive Heat Sinking



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.

NP1840G30N-P26S FEATURES

Frequency Range
18 - 40 GHz

SS Gain Typ
30 dB

SS Gain Flatness Typical
+/- 3.0

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 NP1840 G30N-P26S amplifier, with a frequency range of 18 - 40 GHz.

Included in Norden Millimeter's standard catalog parts, the NP1840G30N-P26S 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.

5441 Merchant Circle
Placerville, CA 95667
(530) 719-4704
www.NordenGroup.com

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SPECIFICATIONS

| | |
|-----------------------------|---------------|
| Freq (GHz) | 18-40 |
| SS Gain Typ (dB) | 30 |
| SS Gain Flatness (dB) | +/- 3.0 |
| Input Return Loss Max (dB) | -7.36 |
| Output Return Loss Max (dB) | -7.36 |
| P-Sat 18-40 GHz Typ (dBm) | +26 |
| Supply Voltage (VDC) | +12 +/- 5% |
| Supply Current Typ (mA) | 1500 |
| Supply Current at Psat (mA) | 1900 |
| Operating Temp (deg C) | +25 |
| Input Connector | 2.92mm Female |
| Output Connector | 2.92mm Female |
| Outline | KF05HKFS |



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