



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.

ND1826G23P23 FEATURES

Input Frequency
9-13.5 GHz

Output Frequency
18-26.5 dB

Input Power Min/Max
0/+5 dBm

Input Return Loss Max
-9.54 dB

Output Return Loss Max
-9.54 dB

Operating Temperature
+25 deg C

Norden Millimeter has an extensive catalog of precisely engineered frequency multipliers, with military, commercial, and test applications. Our ND1826G23P23 multiplier is one of our most widely used products, covering the 18-26.5 output frequencies.

Norden Millimeter's ND1826G23P23 RF multiplier uses an input frequency of 9 to 13.5 GHz, with an input power of 0 dBm minimum, up to 5 dBm maximum. It uses a supply voltage of 12+/-5% VDC, with a current of 700 ma. Our product has a power flatness of +/- 0.6 dB and minimal return loss.

We encourage you to contact our sales team at 530-642-9123 to discuss your questions and applications. 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.

ND1826G23P23

16-26 GHZ FREQUENCY MULTIPLIER

SPECIFICATIONS

Input Frequency	9-13.5	GHz
Output Frequency	18-26.5	GHz
Input Power Min/Max	0/+5	dBm
Output Power Min	23	dBm
Sub-Harmonics Max	-20	dBc
Spurious Type	-60	dBc
Input Return Loss Max	-9.54	dB
Output Return Loss Max	-9.54	dB
Supply Voltage	12+/-5%	VDC
Supply Current Typ	700	ma
Operating Temp	25	deg C
Input Connector	SMA Female	
Output Connector	WR-42	



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