

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.

ND2640G20P20 **FEATURES**

Input Frequency
13.5-20 GHz

Output Frequency
26.5-40 dB

Input Power Min/Max
0/+5 dBm

Input Return Loss Max
-8.5 dB

Output Return Loss Max
-8.5 dB

Operating Temperature
+25 deg C

Norden Millimeter has an extensive catalog of precisely engineered frequency multipliers, with military, commercial, and test applications. Our ND2640G20P20 multiplier is one of our most widely used products, covering the 26-40 output frequencies.

Norden Millimeter's ND2640G20P20 RF multiplier uses an input frequency of 13.5-20 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 250 ma and a low return loss.

We encourage you to contact our sales team at 530-719-4704 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.

ND2640G20P20

26-40 GHZ FREQUENCY MULTIPLIER

SPECIFICATIONS

Input Frequency	13.5-20	GHz
Output Frequency	26.5-40	GHz
Input Power Min/Max	0/+5	dBm
Output Power Min	15	dBm
Harmonics Max	-20	dBc
Spurious Type	-60	dBc
Input Return Loss Max	-8.5	dB
Output Return Loss Max	-8.5	dB
Supply Voltage	12+/-5%	VDC
Supply Current Typ	600	ma
Operating Temp	25	deg C
Input Connector	2.92 Female	
Output Connector	WR-28	



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