

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.*

## **ND2640G10P10** **FEATURES**

Input Frequency  
**13.5-20 GHz**

Output Frequency  
**26.5-40 dB**

Input Power Min/Max  
**0/+5 dBm**

Input Return Loss Max  
**-9.54 dB**

Output Return Loss Max  
**-8.52 dB**

Operating Temperature  
**+25 deg C**

Norden Millimeter has an extensive catalog of precisely engineered frequency multipliers, with military, commercial, and test applications. Our ND2640G10P10 multiplier is one of our most widely used products, covering the 26-40 output frequencies.

Norden Millimeter's ND2640G10P10 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 530-642-9123 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.

# ND2640G10P10

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	10	dBm
Harmonics Max	-20	dBc
Spurious Type	-60	dBc
Input Return Loss Max	-9.54	dB
Output Return Loss Max	-8.52	dB
Supply Voltage	12+/-5%	VDC
Supply Current Typ	250	ma
Operating Temp	25	deg C
Input Connector	2.92 Female	
Output Connector	WR-28	



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