


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.

NQ4060G15P15 **FEATURES**

Input Frequency
10-15 GHz

Output Frequency
40-60 GHz

Input Power
0-5 dBm

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 multipliers, with applications in the commercial, military, and test space. Within this product line is our NQ4060G15P15 frequency multiplier, with a frequency range of 40-60 GHz.

Included in Norden Millimeter's standard catalog parts, the NQ4060G15P15 multiplier is an example of our extensive engineering and prototyping capabilities. Our frequency multipliers 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.

RoHs Compliant.

Norden Millimeter is ISO 9001:2015 and AS 9100D Certified.

NQ4060G15P15

40-60 GHZ FREQUENCY MULTIPLIER

SPECIFICATIONS

Input Frequency	10-15	GHz
Output Frequency	40-60	GHz
Input Power Min	0	dBm
Input Power Max	+5	dBm
Output Power Typ	+15	dBm
Sub-Harmonics Max	-20	dBc
Sub-Harm	$n \cdot F_o / 4$ w/ $n=3,5,$	
Spurious Typ	-60	dBc
Input Return Loss Max	-7.36	dB
Output Return Loss Max	-7.36	dB
Supply Voltage	+12 +/- 5%	VDC
Supply Current Temp	750	ma
Operating Temp	+25	deg C
Input Connector	SMA	female
Output Connector	1.85mm	female
	Heat Sinking Req.	



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