

DATASHEET

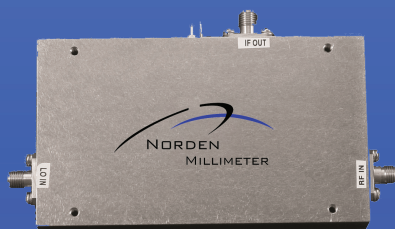
Norden Millimeter is the leading developer of microwave and millimeter wave products, creating standard and custom RF amplifiers, frequency multipliers, frequency converters, and custom assemblies.

NDC2640I0317N14 FEATURES

RF Frequencies
26.5-40GHz

IF Frequencies
3.2-16.7 GHz

LO Frequency
14.4 GHz



Conversion Gain Minimum
13 dB

Gain Flatness
+/- 2.5 dB

As part of Norden Millimeter's standard catalog of down converter products, the NDC2640I0317N14 is an example of our expanding line. The converters have applications for commercial, military, and test.

We can also create custom down converters that integrate temperature compensating functions, variable attenuation, defined gain slope, and other frequency bands. If you decide you need a custom product, you can call our sales team at 530-642-9123.

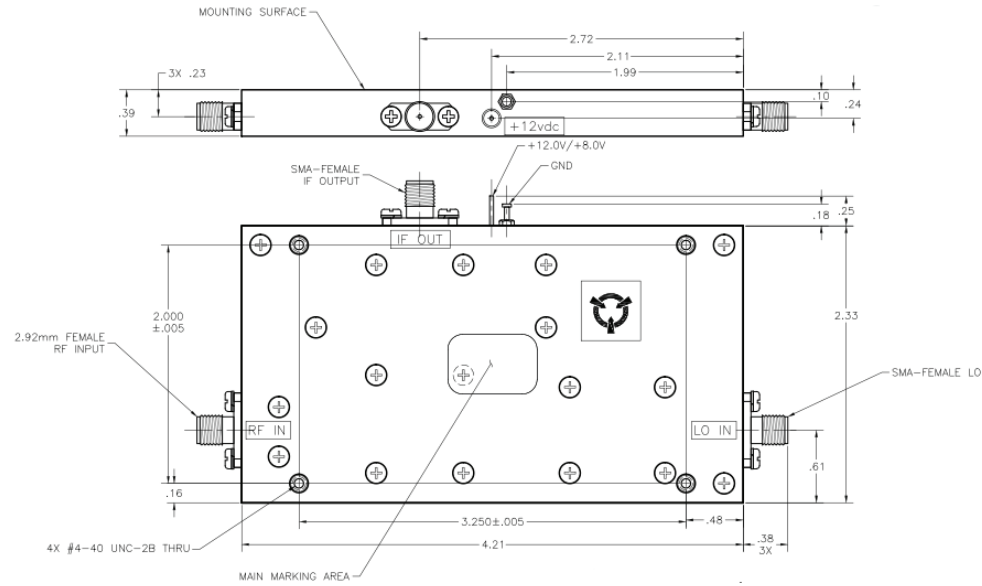
We encourage you to contact our sales team to discuss your questions and applications. With down converters, up converters, transceivers, and other products operating between 0.5 and 110 GHz, Norden Millimeter is the top choice for both standard products and custom assemblies.

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

NDC2640I0317N14
26-40 GHZ DOWN CONVERTER

IF Input Freq	3.2-16.7	GHz
RF Output Freq	26.5-40	GHz
LO Fund Freq	14.4	GHz
LO Drive	-3 to 0	dBm
Conv. Gain Min	13	dB
Gain Flatness	+/-2.5	dB
Gain Variation OT Typ	+/-0.5	dB
Noise Figure Max	14	dB
Input 3rd IP Typ	-10	dBm
Image Rejection Max	-60	dBc
RF/LO/IF Return Loss Max	-7.36	dB
LO-IF Leakage Max	-65	dBm
LO-RF Leakage Max	-70	dBm
Supply Voltage	+12 +/-5%	VDC
Supply Current Typ	1300	mA
Operating Temp	0-50	deg C
Data Temp	25	deg C
RF	2.92mm	Female
LO/IF	SMA	Female

SPECIFICATIONS



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