



# NEOS TECHNOLOGIES

A Gooch & Housego Company

MODEL NUMBER:

## 64200-380-5ASVCO

### SPECIFICATIONS

Document Number: **56A18518A**

The 64200-380-5ASVCO is a Variable Frequency Driver in a Rack Mountable System Box with Analog Modulation Input and a 5 Watt

Output into a 50 Ohm Load.

#### PARAMETER:

#### SPECIFICATION:

Output Frequency:	200 to 380 MHz
Spurious Levels:	-45 dBc Maximum
Harmonic Distortion:	-15 dBc Maximum
Frequency Control Voltage:	2 to 16 Volts Typical
Scan Rate	100 KHz Maximum
Analog Modulation Input:	$\pm 1$ Volt Analog into 50 Ohms, 0 Volts = Minimum RF output 1 Volts = Maximum RF output
Extinction Ratio:	30 dB Minimum
RF Rise / Fall Time	20 ns Maximum / 30 ns Maximum $P_{RF}$ : 10 to 90 %
RF Output Power:	5 Watts Nominal, Adjustable, Factory set for optimum Performance when paired with a NEOS AO Device.
Output Power Flatness	1.5 dB Maximum
Output Impedance:	50 Ohms Nominal
Supply Voltage:	90 - 240 VAC $\pm 5\%$ 50 - 60 Hz Fused @ 1.5 Amps.

#### MAXIMUM RATINGS:

Supply Voltage:	264 VAC
Power Output:	No DC Feedback Allowed
Case Temperature:	+ 55 <sup>0</sup> C

#### CONNECTORS & MECHANICAL:

RF Output Connector:	BNC Female
Modulation Input Connector:	BNC Female
Frequency Voltage Connection	BNC Female
Power Supply Connections:	3 pin IEC Panel Mount EMI Filtered

#### RELATED DOCUMENTS:

Outline Drawing:           Reference 53D1702

For More Information, Contact    neos@neostech.com    Ph. (321) 242-7818    Fax (321) 242-1019