



NEOS TECHNOLOGIES

A Gooch & Housego Company

MODEL NUMBER:

64090-150-7ASVCO-2

SPECIFICATIONS

Document Number: **56A17896**

The 64090-150-7ASVCO-2 is a Rack Mountable System Box with two variable frequency RF Drivers with independent frequency controls and Analog Modulation Inputs with each driver having a 7 Watt Output into a 50 Ohm Load.

<u>PARAMETER:</u>	<u>SPECIFICATION:</u>
Number of Variable Frequency Oscillators:	2
Output Frequency:	90 to 150 MHz
Spurious Levels:	-45 dBc Maximum
Harmonic Distortion:	-15 dBc Maximum
Frequency Control Voltage (2X):	2 to 15 Volts Typical
Analog Input (2X):	± 1 Volt into 50 Ohms, 0 Volts = minimum RF output 1 Volt = maximum RF output
Extinction Ratio:	30 dB Minimum
RF Rise / Fall Time	20 ns Typical, 30 ns Maximum P _{RF} : 10 to 90 %
RF Output Power:	7 Watts - 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
Power Input:	90 to 240 VAC @ 50 / 60 Hz Fused @ 1.5 Amps

MAXIMUM RATINGS:

Supply Voltage:	264 VAC
Power Output:	No DC Feedback Allowed
Ambient Temperature:	+ 45 ⁰ C

CONNECTORS & MECHANICAL:

RF Output Connectors:	BNC Female (2X)
Modulation Input Connectors:	BNC Female (2X)
Frequency Control Connections:	BNC Female (2X)
Power Supply Connections:	3 pin IEC panel mount EMI Filtered.
Physical Body Size:	10.03" L x 3.45" H x 19.01" W

RELATED DOCUMENTS:

Outline Drawing:	53D2248
Acceptance Test Results Form:	52A12611

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