



NEOS TECHNOLOGIES

A Gooch & Housego Company

MODEL NUMBER:

11440-0.8AS

SPECIFICATIONS

Document Number: **56A17679A**

The 11440-0.8AS Is A RF Driver In A Rack Mountable Box With Analog Modulation Input And A 0.8 Watt Output Into A 50 Ohm Load.

PARAMETER:

SPECIFICATION:

Output Frequency:	440 MHz \pm 0.01 % Quarts Stabilized.
Spurious Levels:	-50 dBc Maximum
Harmonic Distortion:	-15 dBc Maximum
Analog Modulation Input:	0 TO \pm 1 Volt Analog \pm 1 Volt = Full RF Power 0 Volt = Minimum RF Power
Extinction Ratio:	35 dB Minimum
Rise Time:	4 ns Maximum $P_{RF} = 10$ TO 90 %
Fall Time	4 ns Maximum $P_{RF} = 90$ TO 10 %
RF Output Power:	800 mWatt Typical .3 to 1 Watt adjustable, Typical Factory adjusted to match the AO device for best performance.
Supply Voltage:	100 to 240 Volts AC
Supply Current:	1.5 Amp Maximum

MAXIMUM RATINGS:

Supply Voltage:	264 Volts
Power Output:	NO DC FEEDBACK ALLOWED.
Ambient Temperature:	+45 °C

CONNECTORS AND MECHANICAL:

RF Output Connector:	BNC Female
Modulation Input Connector:	BNC Female
Power Input Connector:	3 PIN IEC Panel Mount, EMI filtered

RELATED DOCUMENTS:

Outline Drawing:	53D1702
Operating Manual:	51A17680
Acceptance Test Report Form:	52A17681

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