



NEOS TECHNOLOGIES

A Gooch & Housego Company

MODEL NUMBER:

31080-4AS

SPECIFICATIONS

Document Number: **56A18290B**

The 31080-4AS Driver is a RF Driver in a rack mountable box with Analog Modulation Input and a 4 Watt Output into a 50 Ohm Load.

PARAMETER:

Output Frequency:

Spurious Levels:

Harmonic Distortion:

Analog Input:

Extinction Ratio:

RF Rise / Fall Time:

RF Output Power:

Output Impedance:

Power Requirements:

MAXIMUM RATINGS:

Supply Voltage:

Power Output:

Case Temperature:

CONNECTORS & MECHANICAL:

RF Output Connector:

Modulation Input Connector:

Power Connection:

Physical Size:

RELATED DOCUMENTS:

Outline Drawing: 53D1702

Operating Manual: 51A11427

Acceptance Test Results Form: 52A18315

SPECIFICATION:

80.000 MHz \pm 0.01% Quartz Stabilized

-40 dBc maximum

-15 dBc maximum

0-1 Volt into 50 Ohms
1 Volt = Full RF Power
0 = RF Power off

40 dB minimum

20 ns Maximum
 P_{RF} : 10 to 90 %

4 Watts nominal, Adjustable 2 to 20 Watts.
Factory Set for Optimum Performance
When Paired with a NEOS AO Device.

50 Ohms nominal

90 to 240 VAC @ 50 - 60 Hz
Fused @ 1.5 Amps

264 Volts AC

No DC Feedback Allowed

+ 45^o C

BNC Female

BNC Female

3 pin IEC Panel Mount EMI Filtered

10.03" D x 3.48" H x 19.01" W

For More Information, Contact NEOS Technologies

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