



NEOS TECHNOLOGIES

A Gooch & Housego Company

MODEL NUMBER:

31080-4AM

SPECIFICATIONS

Document Number: **56A18291A**

The 31080-4AM Driver is a RF Driver OEM module 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:
Supply Voltage:
Supply Current:
Air flow across heat sink:

MAXIMUM RATINGS:

Supply Voltage:
Power Output:
Case Temperature:

CONNECTORS & MECHANICAL:

RF Output Connector:
Modulation Input Connector:
Power Supply Connections:

Physical Body Size:

RELATED DOCUMENTS:

Outline Drawing: 53D1597
Operating Manual: 51A17629
Acceptance Test Results Form: 52A17630

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.
RF output factory set for optimum performance
when paired with a NEOS AO Device.

50 Ohms Nominal
+ 24 Volts DC \pm 0.5 Volt
2 Amps Maximum
18 CFM @ 25^oC

+ 28 Volts
No DC Feedback Allowed
+ 55^o C

SMA Female
Feed Through Pin
Vcc Feed Through Pin
Return Feed Through Pin
5.43" L x 2.42" H x 3.90" W

For More Information, Contact NEOS Technologies Ph. (321) 242-7818 Fax (321) 242-1019