



# NEOS TECHNOLOGIES

A Gooch & Housego Company

MODEL NUMBER:

## 21080-2AS

### SPECIFICATIONS

Document Number: 56A17136

The 21080-2AS System Is A RF Driver With Analog Modulation Input And A Two 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 Supply Connections:

Physical Size:

#### RELATED DOCUMENTS:

Outline Drawing: 53D1702

Operating Manual: 51A14098

#### SPECIFICATION:

80.000 MHz  $\pm$  0.01% Quartz Stabilized

-50 dBc Maximum

-15 dBc Maximum

$\pm$  1 Volt into 50 Ohms

$\pm$  1 Volt = Full RF Power

0 Volt = Minimum RF Power

50 dB Minimum

20 ns Maximum

P<sub>RF</sub>: 10 to 90 %

20 ns Maximum

P<sub>RF</sub>: 90 to 10 %

2 Watts Nominal

Adjustable

Factory Set for Optimum Performance

When Paired with a NEOS AO Device.

50 Ohms Nominal

100 to 240 VAC @ 50 / 60 Hz

Fused @ 1.5 Amps

264 Volts AC

No DC Feedback Allowed

+ 45<sup>o</sup> C

BNC Female

BNC Female

3EEB1 Panel Mount Entry

10.03" D x 3.48" H x 19.01" W

Acceptance Test Procedure: 42A17137

Acceptance Test Results Form: 52A17135

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