



NEOS TECHNOLOGIES

A Gooch & Housego Company

MODEL NUMBER:

21080-2DS

SPECIFICATIONS

Document Number: **56A17667**

The 21080-2DS System Is A RF Driver With Digital Modulation Input And A Two Watt Output Into A 50 Ohm Load.

PARAMETER:

Output Frequency:

Spurious Levels:

Harmonic Distortion:

Digital 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: 51A14097 Acceptance Test Results Form: 52A0906?

SPECIFICATION:

80.000 MHz \pm 0.01% Quartz Stabilized

-50 dBc maximum

-15 dBc maximum

TTL Levels

TTL HIGH = Full RF Power

TTL LOW = RF Power off

50 dBm minimum

30 ns Maximum

P_{RF}: 10 to 90 %

30 ns Maximum

P_{RF}: 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

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