



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

30 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 VAC

No DC Feedback Allowed

+ 45<sup>0</sup> 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@neostech.com      Ph. (321) 242-7818      Fax (321) 242-1019**