



NEOS TECHNOLOGIES

A Gooch & Housego Company

MODEL NUMBER:

21110-1DS

SPECIFICATIONS

Document Number: **56A17672**

The 21110-1DS System is a RF Driver with Digital Modulation Input and a One 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 Supply Connections:

Physical Size:

RELATED DOCUMENTS:

Outline Drawing: 53D1702

Operating Manual: 51A14098 Acceptance Test Results Form: 52A17673

SPECIFICATION:

110.000 \pm 0.01% Quartz Stabilized

-50 dBc Maximum

-15 dBc Maximum

TTL Levels

TTL HIGH = Full RF Power

TTL LOW = Minimum RF Power

50 dB Minimum

20 ns Maximum

P_{RF}: 10 to 90 %

20 ns Maximum

P_{RF}: 90 to 10 %

1 Watt 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

+ 45⁰ 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