



# NEOS TECHNOLOGIES

A Gooch & Housego Company

MODEL NUMBER:

## 21110-1AM

### SPECIFICATIONS

Document Number: **56A17071**

The 21110-1AM OEM Module Is A RF Driver With Analog Modulation Input And A One 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:

#### 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:

Operating Manual:

53B2384

51A14096

Acceptance Test Procedure:

Acceptance Test Results Form:

42A17052

52A17090

#### SPECIFICATION:

110.000 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 %

1 Watts Nominal

Adjustable

Factory Set for Optimum Performance  
When Paired with a NEOS AO Device.

50 Ohms Nominal

+ 24 VDC  $\pm$  0.5 Volt

1 Amp Maximum

+ 28 Volts

No DC Feedback Allowed

+ 55<sup>0</sup> C

The Driver Must Be Attached to an  
Adequate Heatsink.

BNC Female

BNC Female

Solder Post

Vcc  
Return

Ground Lug

4.8" L x 1.61" H x 3.87" W

**For More Information, Contact:**

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