



NEOS TECHNOLOGIES

A Gooch & Housego Company

MODEL NUMBER:

21110-1DM

SPECIFICATIONS

Document Number: **56A00920A**

The 21110-1DM Driver 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:

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: 15B2384

Operating Manual: 51A14095

Vcc
Return

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 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

+ 55⁰ C

The Driver Must Be Attached to an Adequate Heatsink.

BNC Female

BNC Female

Solder Post

Ground Lug

4.8" L x 1.61" H x 3.87" W

Acceptance Test Procedure: 42A16093

Acceptance Test Results Form: 52A17032

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