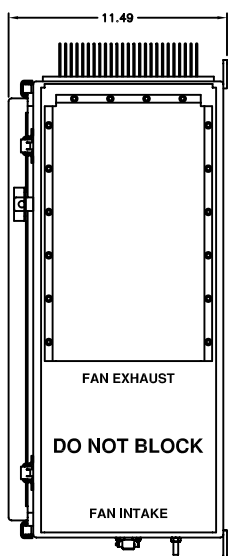
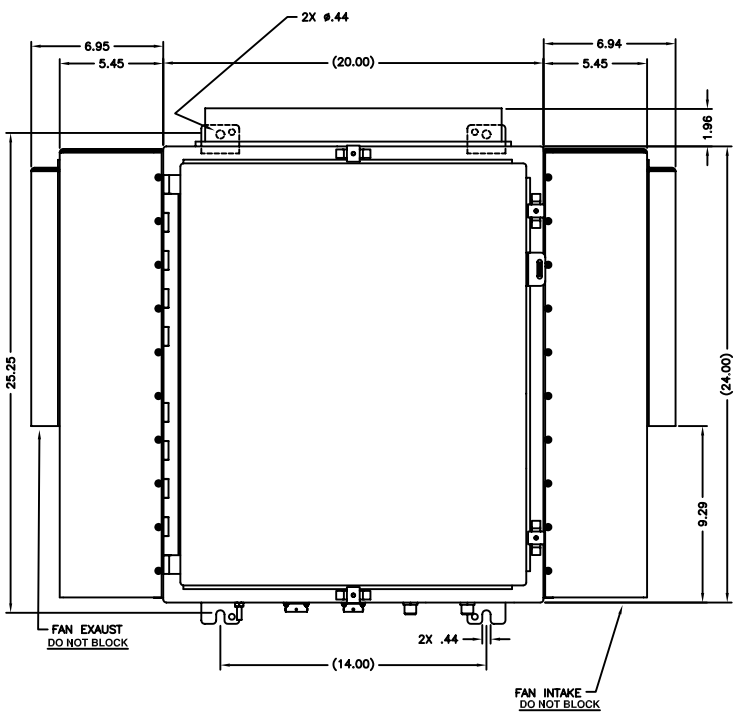


**** PROPRIETARY DATA ****
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REVISIONS				
NO.	REV	DESCRIPTION	DATE	APPROVED
A		PRELIMINARY RELEASE		



Frequency Range: 2025 to 2120 MHz Nominal
RF Output Power @ 1 dB Compression Point: 300 Watts/54.77 dBm CW Minimum
RF Input Power: 1 mw/0 dBm Nominal – 2mw/3 dBm Maximum
RF Output Sample Port: -40 dBc +/- 1.5 dB Maximum
Input Signals: AM, FM & PM
Input VSWR: 1.5:1 typical - 2.0:1 Maximum
Load VSWR: Infinity, Unconditionally Stable Amplifier will reduce output power with 3:1 VSWR to 50% of the rated output and shut down at 5:1 VSWR indicating alarms

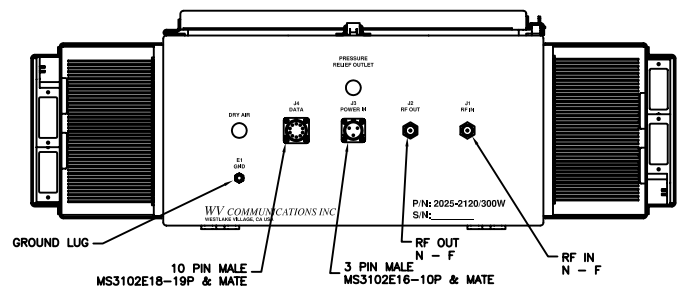
Gain Flatness: ±0.75 dB Maximum
Noise Figure: 10 dB Maximum
Attenuation Range: 20 dB Minimum
Attenuation Steps: 1.0 dB nominal
RF Output Connector: Type "N" Female Hermetic
Gain Flatness in any 1 MHz Band: 0.1dB Maximum
Gain Stability over any 24-hour period: ±0.5 dB Maximum
Signal to Noise Ratio in any 6 MHz bandwidth: 60 dB Minimum
Harmonics: -80 dBc Minimum
Front Panel Controls/Indicators: DC Voltage, Current, Forward/Reflected RF Power, RF Power Adjustment, Thermal Overload & Module Status/Fault
Remote Control RS-232C/IEEE488: Forward/Reflected RF Power, RF Power Adjustment, Thermal Overload & Module Status/Fault

Color: White per Aquamet 100
Cooling: Forced Air over Heat Sink Plenums via Integral Built-In Fans

Environmental: -40 to +85C
Non-Operating: -20 to +50C
Operating: 115/208 VAC±10%, 47-63 Hz, Single or Three Phase at 600W Typical

CONN	NOMENCLATURE
J3-A	115/230VAC HOT
J3-B	115/230VAC NEUTRAL
J3-C	SAFETY GROUND

CONN	NOMENCLATURE
J4-A	Remote +12V UNIT ON/OFF
J4-B	+12V RTN
J4-C	RS-232 RTN
J4-D	RS-232 (Rx)
J4-E	RS-232 (Tx)
J4-F	RS-232 RTN
J4-G	N/U
J4-H	N/U
J4-J	N/U
J4-K	N/U



<p>WV COMMUNICATIONS INC 756-A LAKEFIELD RD. WESTLAKE VILLAGE, CA</p>		<p>APPROVALS G. GOODARD 2/7/02</p>	<p>DATE 2/7/02</p>	<p>P/N: 2025-2120/300PA-02</p>
<p>OUTLINE POWER AMPLIFIER, 2025-2120MHz 300W</p>		<p>WV Communications, 756-A LAKEFIELD RD. WESTLAKE VILLAGE, CA</p>		
<p>REV. 1 OF 1</p>	<p>SCALE NONE</p>	<p>APP. 1 OF 1</p>	<p>DATE 050-50219</p>	<p>REV. 1 OF 1</p>

REV. 1 OF 1 050-50219