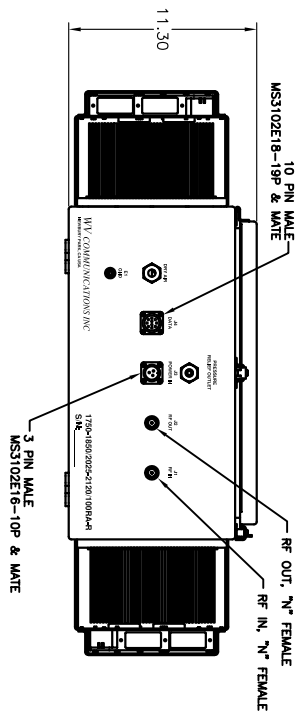
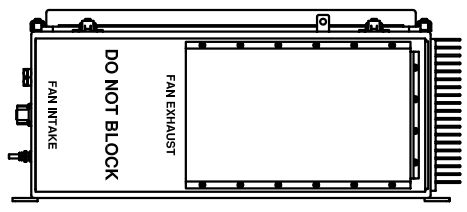
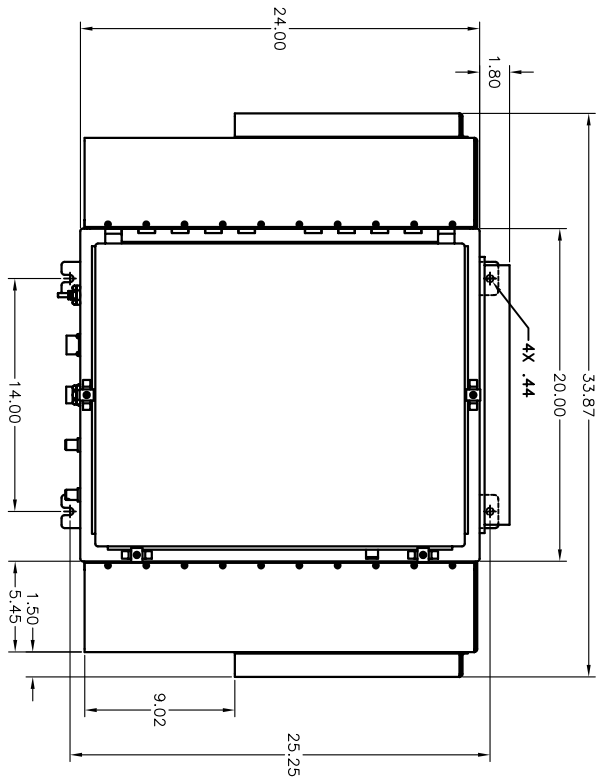


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CONN	NOMENCLATURE
J3-A	115/230VAC HOT
J3-B	115/230VAC NEUTRAL
J3-C	SAFETY GROUND

CONN	NOMENCLATURE
J4-A	N/U
J4-B	N/U
J4-C	RS-232 RTN
J4-D	RS-232 (RX)
J4-E	RS-232 (TX)
J4-F	RS-232 RTN
J4-G	RTS
J4-H	CTS
J4-I	N/U
J4-K	N/U

OPERATING FREQUENCY BANDS:
 1750-1850MHz & 2025-2120MHz User selectable one band at one time
RF OUTPUT POWER:
 100W (+50dbm) Minimum 1db Comp
DUAL REDUNDANCY:
 Zea 100W Amplifiers for each Band with Automatic Antenna/Hot Load Standby switchover when Primary Amplifier Falls out
RF INPUT POWER:
 50db Minimum
RF GAIN:
 0 to 20db in 1db Steps
RF ATTENUATION RANGE:
 +3dbm Maximum
SMALL SIGNAL GAIN FLATNESS:
 ±1.5db Maximum into 1.25:1 Load VSWR
INPUT AND OUTPUT IMPEDANCE:
 50 Ohm Nominal
INPUT VSWR:
 1.25:1 Maximum (Ref 50 Ohm)
OUTPUT VSWR:
 1.30:1 Maximum (Ref 50 Ohm)
HARMONIC / SPURIOUS LEVELS:
 20dbc Minimum
TEMPERATURE RANGES:
 Operating -20 to +60°C
 Storage -40 to +85°C
COOLING REQUIRED:
 Via Built-in Forced Air Cooling
AMPLIFIER PROTECTION:
 Over Temperature, VSWR, Overdrive
LOCAL CONTROL:
 Via Internal LCD/Touchscreen Controller
REMOTE CONTROL:
 Via RS-232 Port
AC INPUT POWER:
 115/230VAC 47-63Hz Single Phase
 Automatically Selectable, 1500VA
 Maximum

REV	DATE	DESCRIPTION
A	02-04-04	RELEASED

DATE	APPROVALS	DESIGNER	DATE	REV	DESCRIPTION
12-08-03	Q. GOODENO	J. MEDNA	02-04-04	1	AMPLIFIER DUAL REDUNDANT 100W
02-04-04				2	P/N 1750-1850/2025-2120 MHz
				3	1750-1850/2025-2120/100FA-R
				4	060-50375
				5	1GFG7
				6	060-50375
				7	
				8	

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WYCOMMUNICATIONS INC. 1176 Townshide Dr. Newark, CA 94560
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 P/N 1750-1850/2025-2120/100FA-R
 060-50375
 1GFG7
 060-50375