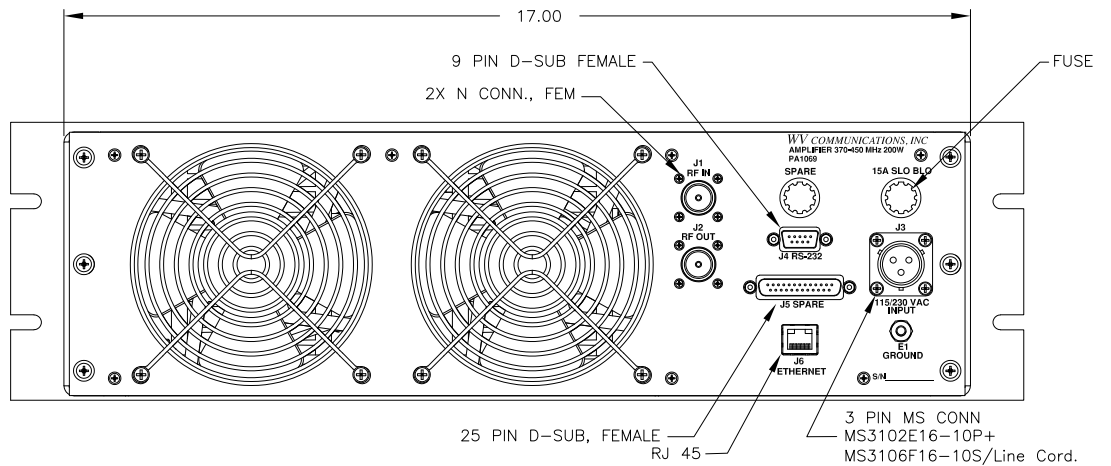
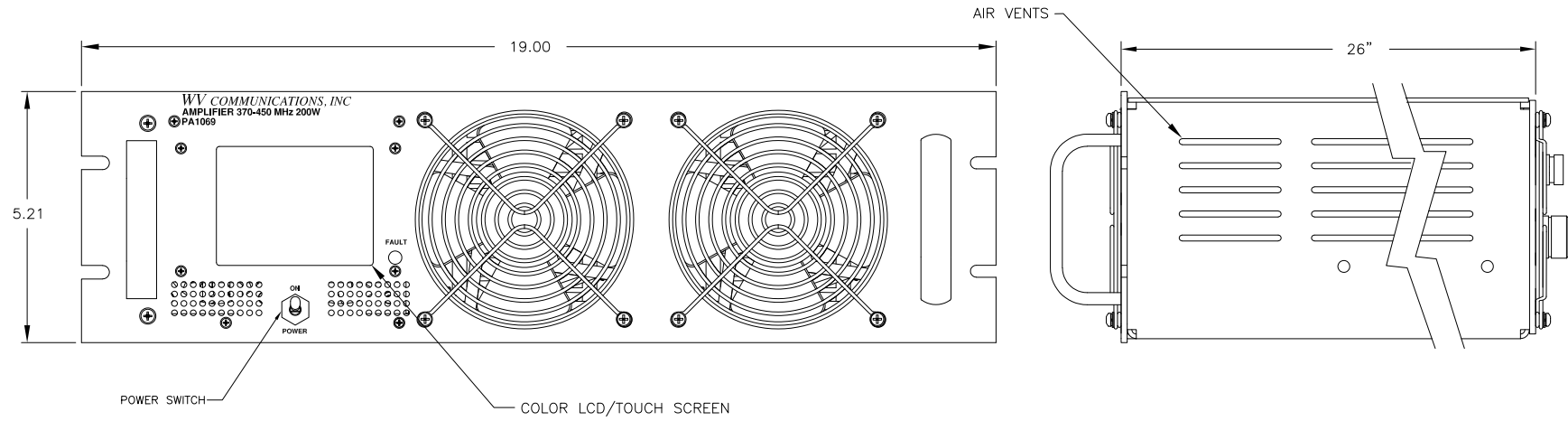


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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	RELEASED	05/16/12	JMO



OPERATING FREQUENCY RANGES: 370-450MHz
RF OUTPUT POWER: 200W (+53dBm) Minimum @ 1dB Comp
GAIN: 54dB Minimum @ 1dB Compression
RF INPUT POWER RANGE: -5 to +3dBm (0dBm Nominal)
RF INPUT POWER W/O DAMAGE: +10dBm Maximum
SMALL SIGNAL GAIN FLATNESS: ±1dB Maximum into 1.25:1 VSWR
RF OUTPUT PROTECTION: Integral Output Isolator protected, No Oscillation or damage at any Load Phase angle or Impedance

RF OUTPUT RANGE: 23dB Minimum
RF OUTPUT BLANKING: 40dB Minimum On/Off Ratio
INPUT AND OUTPUT IMPEDANCE: 50Ω Nominal
INPUT VSWR: 2.0:1 Maximum (Ref 50Ω)
HARMONIC SIGNAL LEVELS: 90dBc Minimum over 1100-2750MHz Integral Low Pass Filter
SPURIOUS SIGNAL LEVELS: 80dBc Minimum
LOCAL CONTROL: Via Color Touchscreen LCD Display
REMOTE CONTROL: Via RS-232C at 9.6-115KB,N,8,1 and Ethernet UDP/IP (Both)
OPERATION MODES: Linear (VVA), Auto Level Control (ALC)
STANDARD FEATURES: Carrier STANDBY/ONLINE
 Units in dB or Watts
 Fault Indications
 User settable VSWR Fault point
 Operating 0 to +50°C

TEMPERATURE RANGES: Operating 0 to +50°C
COOLING REQUIRED: Forced air via integral Front Panel Intake and Rear Panel Exhaust Fans
OVERTEMPERATURE PROTECTION: Thermostat Shut-Off Indication at +85°C Drawer Heatsink Temperature
AC INPUT POWER: 115/230 VAC at 600W Maximum Single Phase 47-63Hz
FRONT PANEL COLOR: Gray 26307 per MIL-STD-595

Pin #	J4, RS232C Pin Designation
1	NC
2	RX
3	TX
4	NC
5	GND
6	NC
7	NC
8	NC
9	NC

Pin #	J6, Ethernet Pin Designation
1	TX+
2	TX-
3	RX+
4	NC
5	NC
6	RX-
7	NC
8	NC
9	NC

Pin #	J3, AC IN Pin Designation
A	Line
B	Neutral
C	GND

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		APPROVALS	DATE
FRACTIONS	DECIMALS	ANGLES	HOLES
± 1/64	.XX±.01	±0°30'	.XX±.005
	.XXX±.005		.XXX+.003
			.XXX-.001
MACHINED FINISH: 32 RMS REMOVE BURRS .005 MAX			
MATERIAL			
FINISH			
NEXT ASSEMBLY	PA1069 USED ON		
APPLICATION			
DO NOT SCALE DRAWING			

WV Communications 1125 Business Center Cir
 Newbury Park, CA

AMPLIFIER
370-450 MHz 200W
PA1069

SIZE	CAGE CODE	DWG. NO.	REV
B	1GFQ7	050-50896	A
SCALE NONE		SHEET 1 OF 1	