



UHF High Power Amplifier

UHF 250 Watts Output Power

Frequency Range:	406.1-420 MHz (GA), 450-454MHz, 456-462.5375MHz, 462.7375-467.5375MHz, 467.7375-470 MHz (HA)
Operating Voltage:	110 VAC (optional 220 VAC)
Current Consumption:	10 A (max) @ 110 VAC
Duty Cycle:	100%
Modulation:	FM/Constant Envelope
Power Input:	See chart below
Power Output:	250 Watts (nom), set at factory, with power control
Spurious & Harmonics:	Exceeds FCC specifications
Input/Output Impedance:	50 Ohms
Load VSWR Tolerance:	Full power, sustained operation 1.5:1 or better, VSWR protected above 2.5:1
Isolator:	Internal isolator included
Indicator LEDs:	Pwr On, Exciter Drive, Hi Temp, Hi VSWR, Hi Input, Low Output
Remote Monitoring Connector:	DB15 includes alarm and status pins, power control and RS232 communication interface
Input/Output Connector:	Type N female
Cooling Method:	Fan forced air over heat sink
Operating Temp. Range:	-30° C to +60° C
Storage & Transport:	-40° C to +70° C
Humidity:	80% at +40° C (non-condensing)

SIZE

Vertical Mounting	5.25 in (3RU)
Horizontal Mounting:	19.0 in
Depth:	20.0 in
Weight:	25 lbs (11.3 kg)

POWER INPUT RANGE

Model Description	Frequency	Input Power Range	Power Output
P25-10GA3-PS(x)-C8-001	406.1-420 MHz	10-20 W	250 W
P25-20GA3-PS(x)-C8-001	406.1-420 MHz	30-40 W	250 W
P25-R2HA3-PS(x)-C8-001	450-470MHz	0.2-0.5 W	250 W
P25-R5HA3-PS(x)-C8-001	450-470MHz	0.5-1 W	250 W
P25-1HA3-PS(x)-C8-001	450-470MHz	1-2 W	250 W
P25-2HA3-PX(x)-C8-001	450-470MHz	2-5 W	250 W
P25-5HA3-PS(x)-C8-001	450-470MHz	5-10 W	250 W

Note: x=1 denotes 110VAC, x=2 denotes 220 VAC

These specifications are subject to change without notice.