



## 928-942 MHz Paging Power Amplifier

### 928-942 MHz 250 Watts Output Power

Frequency Range:	928-942 MHz
Operating Voltage:	48 ±0.5 VDC or 110/220 VAC (with -PS1/PS2- option)
Current Consumption:	20 A (max) @ 48 VDC, 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
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
Horizontal Mounting:	19.0 in
Depth:	20.0 in
Weight:	24.5 lbs (11.1 kg)

### POWER INPUT RANGE

Model Description	Required Power In	Power Output
P25-R2L3-C8-001 / P25-R2L3-PS(x)-C8-001	0.2-0.5 W	250 W
P25-R5L3-C8-001 / P25-R5L3-PS(x)-C8-001	0.5-1 W	250 W
P25-1L3-C8-001 / P25-1L3-PS(x)-C8-001	1-2 W	250 W
P25-2L3-C8-001 / P25-2L3-PS(x)-C8-001	2-5 W	250 W
P25-5L3-C8-001 / P25-5L3-PS(x)-C8-001	5-10 W	250 W
P25-10L3-C8-001 / P25-10L3-PS(x)-C8-001	10-20 W	250 W
P25-20L3-C8-001 / P25-20L3-PS(x)-C8-001	20-50 W	250 W

These specifications are subject to change without notice.