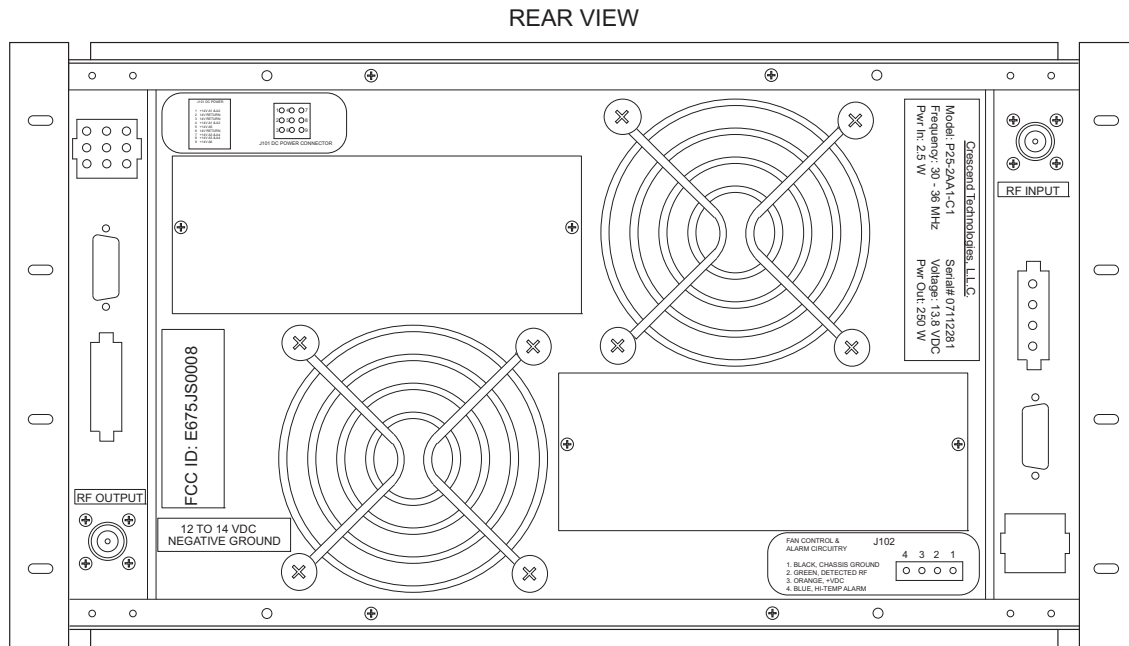


TN426 AMP-P25-2Ax1-C1 VHF Lowband Power Amplifier



The VHF Lowband 250 Watt power amplifier operates in one of three frequency bands: 30 to 36 MHz, 36 to 42 MHz or 42 to 50 MHz. The power amplifier is rated for continuous duty at an RF output power of 250 Watts and is designed to fit in 10.5" (6 RU) of rack space.

Specifications

Frequency Bands	30 - 36 MHz / 36 - 42 MHz / 42 - 50 MHz
RF Output Power (factory set)	250 Watts
RF Input Power Range (from exciter)	2.5 to 5.0 Watts
Spurious & Harmonics	≤ -68 dBc @ 250 Watts RF output
Duty Cycle	100% (-30°C to +60°C)
Load VSWR Tolerance	VSWR Protected above 2.5:1
Output Impedance	50 Ω
Transmit Current Drain @ 250 W	38 A (typical) / 42 A (maximum)
Weight	25 lbs
Depth	6.0 inches
Vertical Rack Space	10.5 inches (6 RU)

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MT-3 Radio Systems**TN426 AMP-P25-2Ax1-C1 VHF Lowband Power Amplifier****Models Available**

AMP-P25-2AA1-C1	Rack Mount, 250 Watts continuous duty, 30 - 36 MHz
AMP-P25-2AB1-C1	Rack Mount, 250 Watts continuous duty, 36 - 42 MHz
AMP-P25-2AC1-C1	Rack Mount, 250 Watts continuous duty, 42 - 50 MHz

Power Amplifier Operation

The AMP-P25-2Ax1-C1 has a heavy duty heatsink and two RF switched cooling fans. The heatsink is monitored with a thermostat and when the temperature reaches an unsafe level, the output power of the amplifier is reduced by approximately 50%.

This product has been discontinued and is no longer manufactured by Codan Radio Communications

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