

MODEL RPA-T Radio Power Amplifier

General Description

The HydroLynx Model RPA-T Radio Power Amplifier increases the radio transmission output to 20 Watts. Add this power amplifier to Data Transmitters or Data Repeaters that need additional power to reach a repeater or the base station receiver.

Specifications

Frequency:..... VHF
Range: 136 to 175 MHz
Operating Mode:..... FM

Supply Voltage:..... 11 to 15 Vdc
Reduction of power Output will occur with less than 13.8 Vdc

Input Power: 5 Watts
Output Power:..... 20 Watts
Current Drain:..... 5 Amps

Transmit Duty Cycle: 50% at 20 Watts
Receiver Insertion Loss: 136 to 175 MHz, 1 dB maximum
Harmonic Attenuation: Meets or exceeds FCC specification

Operating Temperature: -30 to 60 °C
Connector: BNC Female
Dimensions:..... 2.9 in. x 4.5 in. x 7.7 in.

Ordering Information

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